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# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 196.00

Revision Date: March 21, 2014

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Calcium Chloride

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **WARNING**

Pictograms



### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral (Category 4). Harmful if swallowed (H302). Do not eat, drink or smoke when using this product (P270).

Hazard class: Serious eye damage or irritation (Category 2A). Causes serious eye irritation (H319).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Calcium chloride, anhydrous	10043-52-4	CaCl <sub>2</sub>	110.98	

### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).

**If on skin:** Rinse cautiously with water for several minutes (P351).

**If swallowed:** Rinse mouth. Contact a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solid.

When heated to decomposition, may emit toxic fumes.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**NFPA Code**

None  
established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Sweep up the spill, place in a sealed bag or container, and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

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**SECTION 7 — HANDLING AND STORAGE**

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Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates. Store in a cool, dry place. Hygroscopic. Store in Flinn Chem-Saf™ bag.

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**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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White powder, crystals, or flakes. Odorless.

Boiling point: 1670 °C

Soluble: Water and alcohol. Liberates heat in water.

Melting point: 772 °C

Specific gravity: 2.15

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with strong acids.

Shelf life: Fair to poor, hygroscopic. See Section 7 for further information.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Irritant.

ORL-RAT LD<sub>50</sub>: 1000 mg/kg

Chronic effects: N.A.

IHL-RAT LC<sub>50</sub>: N.A.

Target organs: N.A.

SKN-RBT LD<sub>50</sub>: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #26a is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

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**SECTION 15 — REGULATORY INFORMATION**

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TSCA-listed, EINECS-listed (233-140-8).

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**SECTION 16 — OTHER INFORMATION**

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Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals.

**Revision Date:** March 21, 2014

# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 197.00

Revision Date: February 6, 2014

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Calcium Chloride Solution

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word N/A

Pictograms

### SECTION 2 — HAZARDS IDENTIFICATION

This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution.

Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Calcium chloride dihydrate	10035-04-8	CaCl <sub>2</sub> ·2H <sub>2</sub> O	147.02	<15%
Water	7732-18-5	H <sub>2</sub> O	18.00	85-99%

### SECTION 4 — FIRST AID MEASURES

Call a POISON CENTER or physician if you feel unwell.

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

**If on skin:** Wash with plenty of water.

**If swallowed:** Rinse mouth. Call a POISON CENTER or physician if you feel unwell.

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solution.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**NFPA CODE**  
None  
established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Ventilate area. Contain the spill with sand or absorbent material and deposit in a sealed bag or container. See Sections 8 and 13 for further information.

**SECTION 7 — HANDLING AND STORAGE**

Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates.

**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

Wear protective gloves, protective clothing, and eye protection. Wash hands thoroughly after handling.

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

Clear, colorless liquid. Odorless.

pH: ~5

**SECTION 10 — STABILITY AND REACTIVITY**

Shelf life: Good, if stored properly.

**SECTION 11 — TOXICOLOGICAL INFORMATION**

Acute effects: N.A.

ORL-RAT LD<sub>50</sub>: N.A.

Chronic effects: N.A.

IHL-RAT LC<sub>50</sub>: N.A.

Target organs: N.A.

SKN-RBT LD<sub>50</sub>: N.A.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

**SECTION 12 — ECOLOGICAL INFORMATION**

Data not yet available.

**SECTION 13 — DISPOSAL CONSIDERATIONS**

Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #26b is one option.

**SECTION 14 — TRANSPORT INFORMATION**

Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

**SECTION 15 — REGULATORY INFORMATION**

Not listed.

**SECTION 16 — OTHER INFORMATION**

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Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals.

Revision Date: February 6, 2014

# SAFETY DATA SHEET

D16W151

## Section 1. Identification

**Product name** : CASHMERE® Interior Acrylic Latex Flat Enamel  
Extra White

**Product code** : D16W151

**Other means of identification** : Not available.

**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Regulatory Information Telephone Number** : US / Canada: (216) 566-2902  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 800-00-214-00 / 55-5559-1588 Available 24 hours and 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 1A  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 12.6% (oral), 12.6% (dermal), 12.6% (inhalation)

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : May cause cancer.  
Causes damage to organs through prolonged or repeated exposure.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
- Response** : IF exposed or concerned: Get medical advice or attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.
- CAS number/other identifiers**

Ingredient name	% by weight	CAS number
Titanium Dioxide	≥10 - ≤25	13463-67-7
Crystalline Silica, respirable powder	≥10 - ≤25	14808-60-7
Heavy Paraffinic Oil	≤0.3	64742-54-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

**Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides



## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Titanium Dioxide	13463-67-7	<b>ACGIH TLV (United States, 3/2020).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.
Crystalline Silica, respirable powder	14808-60-7	<b>OSHA PEL (United States, 5/2018).</b> TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>OSHA PEL Z3 (United States, 6/2016).</b> TWA: 250 mppcf / (%SiO <sub>2</sub> +5) 8 hours. Form: Respirable TWA: 10 mg/m <sup>3</sup> / (%SiO <sub>2</sub> +2) 8 hours. Form: Respirable <b>OSHA PEL (United States, 5/2018).</b> TWA: 50 µg/m <sup>3</sup> 8 hours. Form: Respirable dust <b>ACGIH TLV (United States, 3/2020).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction <b>NIOSH REL (United States, 10/2016).</b> TWA: 0.05 mg/m <sup>3</sup> 10 hours. Form: respirable dust
Heavy Paraffinic Oil	64742-54-7	<b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. <b>ACGIH TLV (United States, 3/2020).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction <b>NIOSH REL (United States, 10/2016).</b> TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Titanium dioxide	13463-67-7	<b>CA British Columbia Provincial (Canada, 1/2020).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust TWA: 3 mg/m <sup>3</sup> 8 hours. Form: respirable fraction <b>CA Quebec Provincial (Canada, 7/2019).</b> TWAEV: 10 mg/m <sup>3</sup> 8 hours. Form: Total dust. <b>CA Alberta Provincial (Canada, 6/2018).</b> 8 hrs OEL: 10 mg/m <sup>3</sup> 8 hours. <b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 10 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada, 7/2013).</b> STEL: 20 mg/m <sup>3</sup> 15 minutes.

## Section 8. Exposure controls/personal protection

Quartz	14808-60-7	<p>TWA: 10 mg/m<sup>3</sup> 8 hours.  <b>CA British Columbia Provincial (Canada, 1/2020).</b>  TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable  <b>CA Quebec Provincial (Canada, 7/2019).</b>  TWAEV: 0.1 mg/m<sup>3</sup> 8 hours. Form: Respirable dust.  <b>CA Alberta Provincial (Canada, 6/2018).</b>  8 hrs OEL: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate  <b>CA Ontario Provincial (Canada, 6/2019).</b>  TWA: 0.1 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate matter.  <b>CA Saskatchewan Provincial (Canada, 7/2013).</b>  TWA: 0.05 mg/m<sup>3</sup> 8 hours. Form: respirable fraction</p>
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### Occupational exposure limits (Mexico)

	CAS #	Exposure limits
Crystalline Silica, respirable powder	14808-60-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
- Individual protection measures**
  - Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
  - Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
  - Skin protection**
    - Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
    - Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Not available.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9.6
- Melting point/freezing point** : Not available.
- Boiling point/boiling range** : 100°C (212°F)
- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg) [at 20°C]
- Vapor density** : 1 [Air = 1]
- Relative density** : 1.33
- Solubility** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): >0.205 cm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Aerosol product**
- Heat of combustion** : 1.129 kJ/g

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.

## Section 10. Stability and reactivity

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300 ug l	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-
Crystalline Silica, respirable powder	-	1	Known to be a human carcinogen.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Crystalline Silica, respirable powder	Category 1	inhalation	-

#### Aspiration hazard

Name	Result
Heavy Paraffinic Oil	ASPIRATION HAZARD - Category 1

**Information on the likely routes of exposure** : Not available.

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

## Section 11. Toxicological information

**Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

#### Potential chronic health effects

Not available.

**General** : Causes damage to organs through prolonged or repeated exposure.

**Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

## Section 12. Ecological information

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

## Section 14. Transport information

**Proper shipping name** : Not available.

## Section 15. Regulatory information

### SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

### International regulations

#### **International lists**

- Australia inventory (AIIIC):** Not determined.
- China inventory (IECSC):** Not determined.
- Japan inventory (CSCL):** Not determined.
- Japan inventory (ISHL):** Not determined.
- Korea inventory (KECI):** Not determined.
- New Zealand Inventory of Chemicals (NZIoC):** Not determined.
- Philippines inventory (PICCS):** Not determined.
- Taiwan Chemical Substances Inventory (TCSI):** Not determined.
- Thailand inventory:** Not determined.
- Turkey inventory:** Not determined.
- Vietnam inventory:** Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method

### History

- Date of printing** : 6/15/2021
- Date of issue/Date of revision** : 6/15/2021
- Date of previous issue** : 4/14/2021
- Version** : 16.01



## Section 16. Other information

### Key to abbreviations

: ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

▣ Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

D16T154

## Section 1. Identification

**Product name** : CASHMERE® Interior Acrylic Latex Flat Enamel  
Ultradeep Base

**Product code** : D16T154

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (800) 424-9300  
Mexico: SETIQ 01-800-00-214-00 / (52) 55-5559-1588 24 hours / 365 days a year


**Product Information Telephone Number** : US / Canada: 1-800-474-3794  
Mexico: Not Available

**Regulatory Information Telephone Number** : US / Canada: (216) 566-2902  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 01-800-00-214-00 / (52) 55-5559-1588 24 hours / 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 1A  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1  
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 15.8% (oral), 15.8% (dermal), 15.8% (inhalation) 

### GHS label elements

**Hazard pictograms** :



**Signal word** : Danger

**Hazard statements** : May cause cancer.  
Causes damage to organs through prolonged or repeated exposure.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

## Section 2. Hazards identification

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
- Response** : IF exposed or concerned: Get medical advice or attention.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Adequate ventilation required when sanding or abrading the dried film. If Adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release Crystalline Silica which has been shown to cause lung damage and cancer under long term exposure. Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	CAS number
Crystalline Silica, respirable powder	≥10 - ≤25	14808-60-7
Heavy Paraffinic Oil	≤1	64742-65-0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

## Section 4. First aid measures

**Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.  
**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## Section 5. Fire-fighting measures

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
Crystalline Silica, respirable powder	14808-60-7	<p><b>OSHA PEL Z3 (United States, 6/2016).</b> TWA: 250 mppcf / (%SiO<sub>2</sub>+5) 8 hours. Form: Respirable</p> <p>TWA: 10 mg/m<sup>3</sup> / (%SiO<sub>2</sub>+2) 8 hours. Form: Respirable</p> <p><b>OSHA PEL (United States, 5/2018).</b> TWA: 50 µg/m<sup>3</sup> 8 hours. Form: Respirable dust</p> <p><b>ACGIH TLV (United States, 3/2019).</b> TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction</p> <p><b>NIOSH REL (United States, 10/2016).</b> TWA: 0.05 mg/m<sup>3</sup> 10 hours. Form: respirable dust</p>
Heavy Paraffinic Oil	64742-65-0	<p><b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m<sup>3</sup> 8 hours.</p> <p><b>ACGIH TLV (United States, 3/2019).</b> TWA: 5 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction</p> <p><b>NIOSH REL (United States, 10/2016).</b> TWA: 5 mg/m<sup>3</sup> 10 hours. Form: Mist STEL: 10 mg/m<sup>3</sup> 15 minutes. Form: Mist</p>

#### Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
Quartz	14808-60-7	<p><b>CA British Columbia Provincial (Canada, 5/2019).</b> TWA: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable</p> <p><b>CA Quebec Provincial (Canada, 1/2014).</b> TWAEV: 0.1 mg/m<sup>3</sup> 8 hours. Form: Respirable dust.</p> <p><b>CA Ontario Provincial (Canada, 1/2018).</b> TWA: 0.1 mg/m<sup>3</sup> 8 hours. Form: Respirable fraction.</p> <p><b>CA Alberta Provincial (Canada, 6/2018).</b> 8 hrs OEL: 0.025 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate</p> <p><b>CA Saskatchewan Provincial (Canada, 7/2013).</b> TWA: 0.05 mg/m<sup>3</sup> 8 hours. Form: respirable fraction</p>

## Section 8. Exposure controls/personal protection

### Occupational exposure limits (Mexico)

	CAS #	Exposure limits
Crystalline Silica, respirable powder	14808-60-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016).</b> TWA: 0.025 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction

**Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

**Physical state** : Liquid.

**Color** : Not available.

**Odor** : Not available.

**Odor threshold** : Not available.

**pH** : 9.3

**Melting point/freezing point** : Not available.

**Boiling point/boiling range** : 100°C (212°F)

<b>Date of issue/Date of revision</b> : 6/29/2020	<b>Date of previous issue</b> : 2/19/2020	<b>Version</b> : 9.01	6/12
D16T154	CASHMERE® Interior Acrylic Latex Flat Enamel Ultradeep Base	<b>SHW-85-NA-GHS-US</b>	

## Section 9. Physical and chemical properties

- Flash point** : Closed cup: Not applicable.
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg) [at 20°C]
- Vapor density** : 1 [Air = 1]
- Relative density** : 1.23
- Solubility** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): >0.205 cm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Aerosol product**
  - Heat of combustion** : 1.814 kJ/g

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Heavy Paraffinic Oil	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-

#### Irritation/Corrosion

Not available.

#### Sensitization

Not available.

#### Mutagenicity

Not available.



# Section 11. Toxicological information

## Carcinogenicity

Not available.

## Classification

Product/ingredient name	OSHA	IARC	NTP
Crystalline Silica, respirable powder	-	1	Known to be a human carcinogen.

## Reproductive toxicity

Not available.

## Teratogenicity

Not available.

## Specific target organ toxicity (single exposure)

Not available.

## Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Crystalline Silica, respirable powder	Category 1	inhalation	-

## Aspiration hazard

Name	Result
Heavy Paraffinic Oil	ASPIRATION HAZARD - Category 1

**Information on the likely routes of exposure** : Not available.

## Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

## Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

## Delayed and immediate effects and also chronic effects from short and long term exposure

### Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

## Potential chronic health effects

## Section 11. Toxicological information

Not available.

- General** : Causes damage to organs through prolonged or repeated exposure.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Not available.

## Section 12. Ecological information

### Toxicity

Not available.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

- Soil/water partition coefficient ( $K_{oc}$ )** : Not available.

- Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

- Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments** : Not available.

**Proper shipping name** : Not available.

## Section 15. Regulatory information

**SARA 313**

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

**California Prop. 65**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**International regulations**

**International lists**

- Australia inventory (AICS):** Not determined.
- China inventory (IECSC):** Not determined.
- Japan inventory (ENCS):** Not determined.
- Japan inventory (ISHL):** Not determined.
- Korea inventory (KECI):** Not determined.
- New Zealand Inventory of Chemicals (NZIoC):** Not determined.
- Philippines inventory (PICCS):** Not determined.
- Taiwan Chemical Substances Inventory (TCSI):** Not determined.
- Thailand inventory:** Not determined.
- Turkey inventory:** Not determined.

## Section 15. Regulatory information

Vietnam inventory: Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	3
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 1A	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1	Calculation method

### History

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Version : 9.01

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LogPow = logarithm of the octanol/water partition coefficient  
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N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user

Date of issue/Date of revision	: 6/29/2020	Date of previous issue	: 2/19/2020	Version	: 9.01	11/12
D16T154	CASHMERE® Interior Acrylic Latex Flat Enamel Ultradeep Base			SHW-85-NA-GHS-US		

## Section 16. Other information

should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

# SAFETY DATA SHEET

D18W151

## Section 1. Identification

**Product name** : CASHMERE® Interior Acrylic Latex Medium Lustre  
Extra White

**Product code** : D18W151

**Other means of identification** : Not available.

**Product type** : Liquid.

### Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

**Manufacturer** : THE SHERWIN-WILLIAMS COMPANY  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : US / Canada: (216) 566-2917  
Mexico: SETIQ 01-800-00-214-00 / (52) 55-5559-1588 24 hours / 365 days a year

**Product Information Telephone Number** : US / Canada: Not Available  
Mexico: Not Available

**Regulatory Information Telephone Number** : US / Canada: (216) 566-2902  
Mexico: Not Available

**Transportation Emergency Telephone Number** : US / Canada: (800) 424-9300  
Mexico: SETIQ 01-800-00-214-00 / (52) 55-5559-1588 24 hours / 365 days a year

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 1.8%  
Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 1.8%  
Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 1.8%

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Suspected of causing cancer.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing.

**Response** : IF exposed or concerned: Get medical attention.

**Storage** : Store locked up.

**Date of issue/Date of revision** : 3/25/2019 **Date of previous issue** : 1/10/2019

D18W151 CASHMERE® Interior Acrylic Latex Medium Lustre  
Extra White

**Version** : 11.01 1/11

**SHW-85-NA-GHS-US**

## Section 2. Hazards identification

- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  
Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.
- Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available.

### CAS number/other identifiers

Ingredient name	% by weight	CAS number
Titanium Dioxide	≥10 - ≤25	13463-67-7
Calcium Carbonate	≤3	1317-65-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

<b>Date of issue/Date of revision</b> : 3/25/2019	<b>Date of previous issue</b> : 1/10/2019	<b>Version</b> : 11.01	2/11
D18W151	CASHMERE® Interior Acrylic Latex Medium Lustre Extra White	<b>SHW-85-NA-GHS-US</b>	

## Section 4. First aid measures

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.



## Section 6. Accidental release measures

- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

<b>Ingredient name</b>	<b>Exposure limits</b>
Titanium Dioxide	<b>ACGIH TLV (United States, 3/2018).</b> TWA: 10 mg/m <sup>3</sup> 8 hours.
Calcium Carbonate	<b>OSHA PEL (United States, 5/2018).</b> TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Respirable fraction TWA: 15 mg/m <sup>3</sup> 8 hours. Form: Total dust <b>NIOSH REL (United States, 10/2016).</b> TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Respirable fraction TWA: 10 mg/m <sup>3</sup> 10 hours. Form: Total

#### Occupational exposure limits (Canada)



## Section 8. Exposure controls/personal protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Not available.
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : 9
- Melting point/freezing point** : Not available.
- Boiling point/boiling range** : 100°C (212°F)
- Flash point** : Closed cup: >93.3°C (>199.9°F)
- Evaporation rate** : 0.09 (butyl acetate = 1)
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Not available.
- Vapor pressure** : 2.3 kPa (17.5 mm Hg) [at 20°C]
- Vapor density** : 1 [Air = 1]
- Relative density** : 1.19
- Solubility** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Kinematic (40°C (104°F)): >0.205 cm<sup>2</sup>/s (>20.5 cSt)
- Molecular weight** : Not applicable.
- Aerosol product**
- Heat of combustion** : 1.681 kJ/g

## Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

## Section 10. Stability and reactivity

**Conditions to avoid** : No specific data.

**Incompatible materials** : No specific data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium Dioxide	Skin - Mild irritant	Human	-	72 hours 300 Micrograms Intermittent	-

#### Sensitization

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Classification

Product/ingredient name	OSHA	IARC	NTP
Titanium Dioxide	-	2B	-

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Calcium Carbonate	Category 3	Not applicable.	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

**Inhalation** : No known significant effects or critical hazards.

**Skin contact** : No known significant effects or critical hazards.

**Date of issue/Date of revision** : 3/25/2019 **Date of previous issue** : 1/10/2019

D18W151 CASHMERE® Interior Acrylic Latex Medium Lustre Extra White

**Version** : 11.01 7/11

**SHW-85-NA-GHS-US**

**Ingestion** : No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** : No specific data.

**Inhalation** : No specific data.

**Skin contact** : No specific data.

**Ingestion** : No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Long term exposure**

**Potential immediate effects** : Not available.

**Potential delayed effects** : Not available.

**Potential chronic health effects**

Not available.

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental effects** : No known significant effects or critical hazards.

**Fertility effects** : No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**

Not available.

**Section 12. Ecological information**

**Toxicity**

<b>Product/ingredient name</b>	<b>Result</b>	<b>Species</b>	<b>Exposure</b>
Titanium Dioxide	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

**Mobility in soil**

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>IATA</b>	<b>IMDG</b>
<b>UN number</b>	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
<b>UN proper shipping name</b>	-	-	-	-	-
<b>Transport hazard class(es)</b>	-	-	-	-	-
<b>Packing group</b>	-	-	-	-	-
<b>Environmental hazards</b>	No.	No.	No.	No.	No.
<b>Additional information</b>	-	-	-	-	-

**Special precautions for user** : Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to Annex II of MARPOL and the IBC Code** : Not available.

**Proper shipping name** : Not available.

**Ship type** : Not available.

**Pollution category** : Not available.

## Section 15. Regulatory information

**TSCA 5(a)2 proposed significant new use rules:** 5-Chloro-2-methylisothiazolinone

**SARA 313**

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

**California Prop. 65**

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

**International regulations**

<b>Date of issue/Date of revision</b> : 3/25/2019	<b>Date of previous issue</b> : 1/10/2019	<b>Version</b> : 11.01	9/11
D18W151 CASHMERE® Interior Acrylic Latex Medium Lustre Extra White		<b>SHW-85-NA-GHS-US</b>	

## Section 15. Regulatory information

### International lists

- Australia inventory (AICS):** Not determined.
- China inventory (IECSC):** Not determined.
- Japan inventory (ENCS):** Not determined.
- Japan inventory (ISHL):** Not determined.
- Korea inventory (KECI):** Not determined.
- Malaysia Inventory (EHS Register):** Not determined.
- New Zealand Inventory of Chemicals (NZIoC):** Not determined.
- Philippines inventory (PICCS):** Not determined.
- Taiwan Chemical Substances Inventory (TCSI):** Not determined.
- Thailand inventory:** Not determined.
- Turkey inventory:** Not determined.
- Vietnam inventory:** Not determined.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

Health	*	2
Flammability		0
Physical hazards		0

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 2	Calculation method

### History

**Date of printing** : 3/25/2019

**Date of issue/Date of revision** : 3/25/2019

**Date of previous issue** : 1/10/2019

**Version** : 11.01

### Key to abbreviations

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

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<b>Date of issue/Date of revision</b> : 3/25/2019	<b>Date of previous issue</b> : 1/10/2019	<b>Version</b> : 11.01	10/11
D18W151	CASHMERE® Interior Acrylic Latex Medium Lustre Extra White	SHW-85-NA-GHS-US	

## Section 16. Other information

or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.



# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CELLOBRITE I CARPET & UPHOLSTERY SHAMPOO  
PRODUCT CODE: 622 (formerly 2614)  
PRODUCT CLASS: LIQUID CLEANING COMPOUND

RATINGS:  
4-EXTREME  
3-SERIOUS  
2-SIGNIFICANT  
1-SLIGHT  
0-MINIMUM

HMIS HAZARD RATING:	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION:	B

## SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: CELLO PROFESSIONAL PRODUCTS  
ADDRESS: 1354 Old Post Road, Havre de Grace, MD 21078  
EMERGENCY PHONE - INFOTRAC 24 HOURS: 800-535-5053  
INFORMATION PHONE: 800-638-4850

REVISED: 7/1/06

## SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
* ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	6	20°C	4.50
PEL 25ppm;120mg/m3 TWA (8 Hr.) SKIN				
TLV 25ppm;121mg/m3 TWA (8 Hr.) SKIN				

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.  
# Indicates hazardous chemical(s) subject to the reporting requirements of section 312 of Title III and of 40 CFR 370.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 212°F  
VAPOR DENSITY: Heavier than air  
EVAPORATION RATE: Slower than water  
APPEARANCE : Opaque tan liquid  
pH : 8.0  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.02  
VAPOR PRESSURE : Not Determined  
SOLUBILITY IN WATER: Completely  
ODOR : Slight Solvent  
VOLATILE : 85.13%

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NONE  
FLASH METHOD: SETA FLASH  
FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 1.1 UPPER: 10.6  
EXTINGUISHING MEDIA: If involved in a fire use foam, CO<sub>2</sub>, or water fog  
SPECIAL FIREFIGHTING PROCEDURES: Spray water on cartons involved in fire to keep them from igniting. Wear self-contained breathing apparatus due to the possible toxic fumes from plastic containers and or the vaporization of potentially harmful chemicals. (SEE SECTION II).  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Area will become slippery if material is released.

## SECTION V - REACTIVITY DATA

STABILITY: Stable  
CONDITIONS TO AVOID: Extreme heat or freezing temperatures  
INCOMPATIBILITY (MATERIALS TO AVOID): Acids, strong alkalis and oxidants  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Normal products of combustion-carbon dioxide and carbon monoxide  
HAZARDOUS POLYMERIZATION: Will not occur

## SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Not considered a hazard.  
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Can cause irritation to eyes, causing corneal damage. Can also cause skin irritation and defatting  
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: No effects of exposure expected due to absorption or contact. May possibly cause irritation or dermatitis in some individuals upon prolonged contact.  
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Single dose ingestions are not considered hazardous. Extremely large doses could cause injury.  
HEALTH HAZARDS (ACUTE AND CHRONIC): Will cause only slight irritation of skin regardless of extent or exposure  
CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No not listed  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Existing dermatological conditions may be aggravated by overexposure  
EMERGENCY AND FIRST AID PROCEDURES:  
IF IN EYES: Immediately flush with plenty of warm water for 15 minutes while keeping eyelids apart for maximum irrigation. If irritation persists contact physician.  
IF ON SKIN: Wash off with large amounts of soap and water. If irritation persists contact a physician. Wash contaminated clothing before re-use.  
IF INHALED: If victim complains of headache, dizziness or nausea, remove victim to fresh air. If breathing becomes difficult or condition persists, contact a physician.  
IF INGESTED: Drink no more than 2 glasses of water and induce vomiting. Never give anything by mouth to an unconscious victim. Seek medical attention

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dike area to contain material. Area may become slippery. Absorb product onto porous material such as sand, diatomaceous earth or commercial absorbent material. Shovel up into leak proof containers.  
WASTE DISPOSAL METHOD: Consult local, state and or federal authorities for proper disposal  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store near acids, oxidizers, alkalis and base metals. Keep from excessive heat and keep from freezing. Do not store near consumables. Keep out of reach of children.  
OTHER PRECAUTIONS: Read and follow all directions. Use in a manner consistent with product intent.

## SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None needed for normal use.  
VENTILATION: Normal ventilation adequate.  
PROTECTIVE GLOVES: Chemical resistant gloves recommended  
EYE PROTECTION: Safety splash goggles recommended  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Source of water for washing is recommended.  
WORK/HYGIENIC PRACTICES: Wash hands after use and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.

## SECTION IX - REGULATORY INFORMATION

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE US TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY.

This product is not a DOT hazardous material. BILL of LADING (all sizes): "Compound, cleaning and/or polishing"

The ingredients from Section II are subject to the following reporting requirements:

MA - The Massachusetts Hazardous Substance List

NJ - The New Jersey Right-to-Know Hazardous Substance List

PA - The Pennsylvania Hazardous Substance List

## SECTION X - DISCLAIMER

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended or implied as to the applicability of this information to the users intended purpose or for the consequences of its use or misuse.

CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV; CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV); CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 09/01/2016

Revision date: 09/02/2016

Supersedes: 09/01/2016

Version: 5.2

## SECTION 1: Identification

### 1.1. Identification

Product form	Mixture
Trade name	CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV; CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV); CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD
Product code	BU Chemicals

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Hilti, Inc.  
Legacy Tower, Suite 1000  
75024 Plano - USA  
T +1 9724035800  
1-800-879-8000 toll free - F +1 918 254 0522

#### Supplier

Hilti, Inc.  
Legacy Tower, Suite 1000  
75024 Plano - USA  
T +1 9724035800  
1-800-879-8000 toll free - F +1 918 254 0522

#### Department issuing data specification sheet

Hilti AG  
Feldkircherstraße 100  
9494 Schaan - Liechtenstein  
T +423 234 2111  
[chemicals.hse@hilti.com](mailto:chemicals.hse@hilti.com)

### 1.4. Emergency telephone number

Emergency number	Chem-Trec Tel.: 1 800 424 9300 (USA, PR, Virgin Islands, Canada) Tel.: 703 527 3887 (Other countries) +1 918 8723000 1-800-879-8000 toll free
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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### GHS-US classification

Flam. Aerosol 1	H222 - Extremely flammable aerosol
Acute Tox. 4 (Inhalation:dust,mist)	H332 - Harmful if inhaled
Skin Irrit. 2	H315 - Causes skin irritation
Eye Irrit. 2A	H319 - Causes serious eye irritation
Resp. Sens. 1	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Sens. 1	H317 - May cause an allergic skin reaction
Carc. 2	H351 - Suspected of causing cancer
STOT SE 3	H335 - May cause respiratory irritation
STOT RE 2	H373 - May cause damage to organs through prolonged or repeated exposure

CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV; CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV); CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H statements : see section 16

**2.2. Label elements**

**GHS-US labelling**

Hazard pictograms (GHS-US)



Signal word (GHS-US)

Danger

Hazard statements (GHS-US)

- H222 - Extremely flammable aerosol
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H319 - Causes serious eye irritation
- H332 - Harmful if inhaled
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335 - May cause respiratory irritation
- H351 - Suspected of causing cancer
- H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US)

- P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
- P211 - Do not spray on an open flame or other ignition source
- P251 - Pressurized container: Do not pierce or burn, even after use
- P260 - Do not breathe spray
- P280 - Wear eye protection, protective clothing, protective gloves
- P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS US)**

Not applicable

**SECTION 3: Composition/information on ingredients**

**3.1. Substance**

Not applicable

**3.2. Mixture**

**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS-US classification
4,4'-diphenylmethanediisocyanate, isomeres and homologues	(CAS No) 9016-87-9	40 - 60	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
tris(2-chloro-1-methylethyl) phosphate	(CAS No) 13674-84-5	10 - 25	Acute Tox. 4 (Oral), H302
Propane	(CAS No) 74-98-6	10 - 25	Flam. Gas 1, H220 Compressed gas, H280
Isobutane	(CAS No) 75-28-5	10 - 25	Flam. Gas 1, H220 Compressed gas, H280
Butane	(CAS No) 106-97-8	10 - 25	Flam. Gas 1, H220 Compressed gas, H280

Full text of H-statements: see section 16

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	Call a poison center or a doctor if you feel unwell.

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries after inhalation	May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/injuries after skin contact	Irritation. May cause an allergic skin reaction.
Symptoms/injuries after eye contact	Eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
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**5.2. Special hazards arising from the substance or mixture**

Fire hazard	Extremely flammable aerosol.
Explosion hazard	Pressurised container: May burst if heated.
Reactivity	Extremely flammable aerosol. Pressurised container: May burst if heated.

**5.3. Advice for firefighters**

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>Propane (74-98-6)</b>		
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
<b>Isobutane (75-28-5)</b>		
ACGIH	ACGIH TWA (ppm)	1000 ppm
ACGIH	ACGIH STEL (ppm)	1000 ppm
<b>tris(2-chloro-1-methylethyl) phosphate (13674-84-5)</b>		
Not applicable		
<b>Butane (106-97-8)</b>		
ACGIH	ACGIH TWA (ppm)	1000 ppm
ACGIH	ACGIH STEL (ppm)	1000 ppm

**8.2. Exposure controls**

Appropriate engineering controls  
Personal protective equipment

Ensure good ventilation of the work station.  
Protective clothing. Safety glasses. Gloves.



Hand protection  
Skin and body protection  
Respiratory protection  
Environmental exposure controls

Protective gloves.  
Wear suitable protective clothing.  
In case of inadequate ventilation wear respiratory protection.  
Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	Aerosol.
Colour	Mixture contains one or more component(s) which have the following colour(s): Dark amber Colourless
Odour	There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Stuffy odour Mild odour Characteristic odour Ether-like odour Pure substance is odourless Commercial/unpurified substance: Unpleasant odour Irritating/pungent odour
Odour threshold	No data available
pH	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	< 35 °C
Flash point	< 0 °C
Relative evaporation rate (butylacetate=1)	No data available
Flammability (solid, gas)	No data available
Explosive limits	No data available

**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Explosive properties	Pressurised container: May burst if heated.
Oxidising properties	No data available
Vapour pressure	No data available
Relative density	No data available
Relative vapour density at 20 °C	No data available
Density	< 1.3 g/cm <sup>3</sup>
Solubility	No data available
Log Pow	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available

**9.2. Other information**

VOC content < 4 g/l EPA method 24

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Extremely flammable aerosol. Pressurised container: May burst if heated.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Heating may cause a fire or explosion.

**10.4. Conditions to avoid**

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity Inhalation:dust,mist: Harmful if inhaled.

<b>CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD</b>	
ATE US (dust,mist)	3.061 mg/l/4h

**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)</b>	
LD50 oral rat	> 10000 mg/kg (Rat; Literature study)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit; Literature study)
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapours)	11.000 mg/l/4h
ATE US (dust,mist)	1.500 mg/l/4h

<b>Propane (74-98-6)</b>	
LC50 inhalation rat (mg/l)	513 mg/l/4h (Rat; Literature)
LC50 inhalation rat (ppm)	280000 ppm/4h (Rat; Literature)
ATE US (gases)	280000.000 ppmv/4h
ATE US (vapours)	513.000 mg/l/4h
ATE US (dust,mist)	513.000 mg/l/4h

<b>Isobutane (75-28-5)</b>	
LC50 inhalation rat (mg/l)	> 50 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	11000 ppm

<b>tris(2-chloro-1-methylethyl) phosphate (13674-84-5)</b>	
LD50 oral rat	2800 - 4200 mg/kg bodyweight (Rat; Equivalent or similar to OECD 401; Experimental value; 1011-1824 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
ATE US (oral)	500.000 mg/kg bodyweight

<b>Butane (106-97-8)</b>	
LC50 inhalation rat (mg/l)	658 mg/l/4h (Rat; Literature)
LC50 inhalation rat (ppm)	276000 ppm/4h (Rat; Literature)
ATE US (gases)	276000.000 ppmv/4h
ATE US (vapours)	658.000 mg/l/4h
ATE US (dust,mist)	658.000 mg/l/4h

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer.

<b>4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not classified
Symptoms/injuries after inhalation	May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/injuries after skin contact	Irritation. May cause an allergic skin reaction.



**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Symptoms/injuries after eye contact                      Eye irritation.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Ecology - general    May cause long lasting harmful effects to aquatic life.

<b>4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)</b>	
LC50 other aquatic organisms 1	> 1000 mg/l (96 h)
Threshold limit other aquatic organisms 1	> 1000 mg/l (96 h)
<b>Propane (74-98-6)</b>	
TLM fish 1	17.8 - 19.7,96 h; Pimephales promelas
Threshold limit algae 1	1.45 - 4.53,72 h; Algae
Threshold limit algae 2	8 mg/l (72 h; Algae)
<b>Isobutane (75-28-5)</b>	
Threshold limit algae 1	1.07 mg/l (Algae)
Threshold limit algae 2	7.15 mg/l (72 h; Algae)
<b>tris(2-chloro-1-methylethyl) phosphate (13674-84-5)</b>	
LC50 fish 1	98 mg/l (96 h; Pimephales promelas; GLP)
EC50 Daphnia 1	65 - 335 mg/l (48 h; Daphnia magna; GLP)
LC50 fish 2	56.2 mg/l (96 h; Brachydanio rerio)
Threshold limit algae 1	73 mg/l (96 h; Selenastrum capricornutum; Growth rate)
<b>Butane (106-97-8)</b>	
TLM fish 1	1000 mg/l (96 h; Pisces)
Threshold limit other aquatic organisms 1	0.6 - 0.9,504 h; Daphnia magna
Threshold limit algae 1	0.88 - 1.76,Algae

**12.2. Persistence and degradability**

<b>4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)</b>	
Persistence and degradability	Not readily biodegradable in water. Hydrolysis in water. No (test)data on mobility of the substance available.
<b>Propane (74-98-6)</b>	
Persistence and degradability	Readily biodegradable in water. Not applicable (gas). Photodegradation in the air.
<b>Isobutane (75-28-5)</b>	
Persistence and degradability	Inherently biodegradable. Biodegradable in the soil. Not applicable (gas).
<b>tris(2-chloro-1-methylethyl) phosphate (13674-84-5)</b>	
Persistence and degradability	Not readily biodegradable in water. No (test)data on mobility of the substance available.
<b>Butane (106-97-8)</b>	
Persistence and degradability	Readily biodegradable in water.

**12.3. Bioaccumulative potential**

<b>4,4'-diphenylmethanediisocyanate, isomeres and homologues (9016-87-9)</b>	
BCF fish 1	1 (Pisces)
Bioaccumulative potential	Not bioaccumulative.

CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV; CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV); CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<b>Propane (74-98-6)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
<b>Isobutane (75-28-5)</b>	
BCF fish 1	20 - 52 (Pisces; QSAR)
BCF other aquatic organisms 1	20 - 52 (Daphnia magna; QSAR)
Log Pow	2.8 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>tris(2-chloro-1-methylethyl) phosphate (13674-84-5)</b>	
BCF fish 1	0.8 - 4.6 (Cyprinus carpio; Test duration: 6 weeks)
Log Pow	2.59 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
<b>Butane (106-97-8)</b>	
Log Pow	2.89 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

### 12.4. Mobility in soil

<b>Propane (74-98-6)</b>	
Surface tension	0.016 N/m (-47 °C)
<b>Isobutane (75-28-5)</b>	
Surface tension	0.014 N/m (-10 °C)
<b>Butane (106-97-8)</b>	
Surface tension	< 0.1 N/m (0 °C)

### 12.5. Other adverse effects

Effect on the global warming No known effects from this product.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Waste disposal recommendations After curing, the product can be disposed of with household waste.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR)	1950
UN-No. (IMDG)	1950
UN-No. (IATA)	1950
UN-No. (ADN)	1950
UN-No. (RID)	1950

**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**14.2. UN proper shipping name**

Proper Shipping Name (ADR)	AEROSOLS
Proper Shipping Name (IMDG)	AEROSOLS
Proper Shipping Name (IATA)	Aerosols, flammable
Proper Shipping Name (ADN)	AEROSOLS
Proper Shipping Name (RID)	AEROSOLS
Transport document description (ADR)	UN 1950 AEROSOLS, 2.1, (D)
Transport document description (IMDG)	UN 1950 AEROSOLS, 2.1

**14.3. Transport hazard class(es)**

**ADR**

Transport hazard class(es) (ADR)	2.1
Danger labels (ADR)	2.1



**IMDG**

Transport hazard class(es) (IMDG)	2.1
Danger labels (IMDG)	2.1



**IATA**

Transport hazard class(es) (IATA)	2.1
Hazard labels (IATA)	2.1



**ADN**

Transport hazard class(es) (ADN)	2.1
Danger labels (ADN)	2.1

CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV; CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV); CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations



**RID**

Transport hazard class(es) (RID)	2.1
Danger labels (RID)	2.1



**14.4. Packing group**

Packing group (ADR)	Not applicable
Packing group (IMDG)	Not applicable
Packing group (IATA)	Not applicable
Packing group (ADN)	Not applicable
Packing group (RID)	Not applicable

**14.5. Environmental hazards**

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available

**14.6. Special precautions for user**

**- Overland transport**

Classification code (ADR)	5F
Special provisions (ADR)	190, 327, 344, 625
Limited quantities (ADR)	1I
Packing instructions (ADR)	P207, LP02
Mixed packing provisions (ADR)	MP9
Tunnel restriction code (ADR)	D

**- Transport by sea**

Special provisions (IMDG)	63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	SP277
Packing instructions (IMDG)	P207, LP02
EmS-No. (Fire)	F-D
EmS-No. (Spillage)	S-U
Stowage category (IMDG)	None

**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Stowage and segregation (IMDG)	Protected from sources of heat For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but 'Separated from' class 1 except division 1.4. For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2. For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.
MFAG-No	126
<b>- Air transport</b>	
PCA packing instructions (IATA)	203
PCA max net quantity (IATA)	75kg
Special provisions (IATA)	A145, A167, A802
<b>- Inland waterway transport</b>	
Classification code (ADN)	5F
Special provisions (ADN)	19, 327, 344, 625
Limited quantities (ADN)	1 L
Excepted quantities (ADN)	E0
Equipment required (ADN)	PP, EX, A
Ventilation (ADN)	VE01, VE04
Number of blue cones/lights (ADN)	1
Carriage prohibited (ADN)	No
Not subject to ADN	No
<b>- Rail transport</b>	
Special provisions (RID)	190, 327, 344, 625
Limited quantities (RID)	1L
Packing instructions (RID)	P207, LP02
Carriage prohibited (RID)	No

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**SECTION 15: Regulatory information**

**15.1. US Federal regulations**

No additional information available

**15.2. International regulations**

**CANADA**

No additional information available

**EU-Regulations**

No additional information available

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aerosol 1	H222;H229
Acute Tox. 4 (Inhalation)	H332
Skin Irrit. 2	H315

**CF-AS CJP; CF ISO 765; CF ISO 500+; CF-I ECO +; CS-F JS; CF 812 CC; CF-F ECO; CF-I 50 ECO GV;CF 125-50; CF 125-5W50; CF 126-N; CF 126; CF ISO 750; CF-I 750 B2 (-SV);CF 116-45; CF F 600; CF 116; CF-JI; CF 812; CF 812 WD; CF-I 65 ECO; CF-I XTW WD**

**Safety Data Sheet**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Eye Irrit. 2	H319
Resp. Sens. 1	H334
Skin Sens. 1	H317
Carc. 2	H351
STOT SE 3	H335
STOT RE 2	H373

Full text of hazard classes and H-statements : see section 16

**National regulations**

No additional information available

**15.3. US State regulations**

No additional information available

**SECTION 16: Other information**

Revision date 09/02/2016

Full text of H-statements:

H220	Extremely flammable gas
H222	Extremely flammable aerosol
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure

SDS\_US\_Hilti

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*



# Safety Data Sheet

Issue date 08-Dec-2014

Version 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product Identifier

Product name CHAMPION SPRAYON STAINLESS STEEL CLEANER  
Chemical name 7-8198

### Other means of identification

Product code FG 438-5197-11  
Synonyms Metal cleaner.

### Recommended use of the chemical and restrictions on use

Recommended Use Metal polish.  
Uses advised against Do not use to clean glass or wood surfaces.

### Details of the supplier of the safety data sheet

<b>Supplier Address</b>	<b>Manufacturer Address</b>
Chase Products Co.	Chase Products Co.
2727 Gardner Road	2727 Gardner Road
Broadview, IL 60155	Broadview, IL 60155
708-273-1121	708-273-1121

### Emergency Telephone Number

Company Phone Number 708-865-1000  
24 Hour Emergency Phone Number 1-800-255-3924  
Emergency telephone ChemTel 1-800-255-3924

## 2. Hazards Identification

### Classification

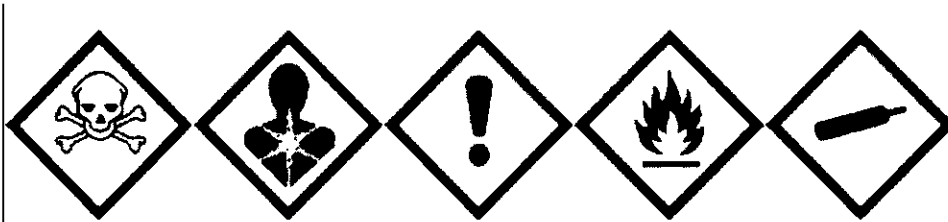
Acute toxicity - Inhalation (Gases)	Category 3
Acute toxicity - Inhalation (Vapors)	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Serious eye damage/eye irritation	Category 2
Aspiration toxicity	Category 1
FLAMMABLE AEROSOLS	Category 1
Gases Under Pressure	liquefied gas

### Label Elements

#### EMERGENCY OVERVIEW

**DANGER**

**hazard statements**  
 Toxic if inhaled  
 Causes serious eye irritation  
 May be fatal if swallowed and enters airways  
**EXTREMELY FLAMMABLE AEROSOL**  
 Contains gas under pressure; may explode if heated



**Appearance** Clear, yellowish liquid.

**Physical State** Aerosol

**Odor** Mild cherry-lemon odor.

**Precautionary Statements - Prevention**

Avoid breathing fumes, mist, vapors or spray.  
 Use only outdoors or in a well-ventilated area  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves, protective clothing, eye protection and face protection.  
 Keep away from heat, sparks, open flames and hot surfaces. — No smoking  
 Pressurized container: Do not pierce or burn, even after use  
 Do not spray on an open flame or other ignition source

**Precautionary Statements - Response**

Specific measures. See additional cautionary statements on this label.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
 Do NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed  
 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

**Other Information**

- May be harmful in contact with skin
- Toxic to aquatic life with long lasting effects
- Toxic to aquatic life

**3 Composition/information on Ingredients**

**Synonyms** Metal cleaner.  
**Chemical Family** MIXTURES.  
**Formula** 7-8198

Chemical name	CAS No	weight-%	Trade secret
Petroleum distillates, hydrotreated light	64742-47-8	30-35	*
Hydrotreated Heavy Naphthenic Oil	64742-52-5	25-30	*
Low Odor Mineral Spirits	64742-47-8	10-15	*
Acetone	67-64-1	10-15	*
Carbon Dioxide	124-38-9	1-5	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.



## 4. First aid measures

### FIRST AID MEASURES

<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>Skin contact</b>	In case of contact, immediately flush skin with plenty of water. Wash skin with soap and water. If irritation develops, consult a physician.
<b>Inhalation</b>	If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advise.
<b>INGESTION</b>	Ingestion from an aerosol product is unlikely to occur. Contains petroleum distillates. Harmful if swallowed. If accidentally swallowed, do not induce vomiting, call physician immediately.

### Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation.
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### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard.
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## 5. Fire-fighting measures

### Suitable extinguishing media

Dry chemical, CO2 or water spray.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

**Hazardous combustion products** Thermal decomposition may release carbon monoxide and carbon dioxide.

### Explosion data

**Sensitivity to Mechanical Impact** Contents under pressure, keep away from heat and open flame.

**Sensitivity to Static Discharge** Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Use with adequate general or local exhaust ventilation.

**For emergency responders** Remove all sources of ignition.

### Environmental Precautions

**FG 438-5197-11 CHAMPION SPRAYON STAINLESS STEEL CLEANER**

**Environmental Precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

**Methods for cleaning up** Clean contaminated surface thoroughly.

**7. Handling and Storage**

**Precautions for safe handling**

**Advice on safe handling** Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes. Keep out of reach of children.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). **AEROSOL STORAGE LEVEL III (NFPA-30B).**

**Incompatible Materials** Avoid heat, open flame and contact with strong oxidizers.

**8. Exposure Controls/Personal Protection**

**Control parameters**

**Exposure guidelines** See occupational exposure limits listed below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone 67-64-1	STEL: 750 ppm TWA: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup> (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> (vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors (vacated) STEL: 1000 ppm	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m <sup>3</sup>
Carbon Dioxide 124-38-9	STEL: 30000 ppm TWA: 5000 ppm	TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> (vacated) TWA: 10000 ppm (vacated) TWA: 18000 mg/m <sup>3</sup> (vacated) STEL: 30000 ppm (vacated) STEL: 54000 mg/m <sup>3</sup>	IDLH: 40000 ppm TWA: 5000 ppm TWA: 9000 mg/m <sup>3</sup> STEL: 30000 ppm STEL: 54000 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering controls** Use with adequate general or local exhaust ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection** Conventional eyeglasses to guard against splashing.

**Skin and Body Protection** Neoprene or rubber gloves required.

**Respiratory protection** Use in a well-ventilated area ONLY. **WHEN USING INDOORS, KEEP WINDOWS AND DOORS OPEN UNTIL FUMES DISSIPATE.**

**General hygiene considerations** Wash hands thoroughly after handling.

**9. Physical and Chemical Properties**

**FG 438-5197-11 CHAMPION SPRAYON STAINLESS STEEL CLEANER**

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**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Mild cherry-lemon odor.
<b>Appearance</b>	Clear, yellowish liquid.	<b>Odor threshold</b>	No information available
<b>Color</b>	Clear to yellowish		
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks - Method</u></b>	
pH	Not applicable	Solvent-based product.	
<b>Melting point/freezing point</b>	Not applicable	No information available	
<b>Boiling point/boiling range</b>	Heavy Distillate >526 °F/>274 °C	No information available	
<b>Flash Point</b>	Not Available. This is an aerosol product for which Flame Projection is over 18 inches with 8 in flashback. Temperatures above 120 F may cause cans to burst.	No information available	
<b>Evaporation Rate</b>	Faster than butyl acetate	No information available	
<b>Flammability (solid, gas)</b>		No information available	
<b>Flammability Limits in Air</b>		No information available	
Upper flammability limits	Not available		
Lower Flammability Limit	Not available		
<b>Vapor pressure</b>		No information available	
<b>Vapor Density</b>		No information available	
<b>Specific gravity</b>	0.831 g/ml concentrate	No information available	
<b>Water solubility</b>	Insoluble in water	No information available	
<b>Solubility in other solvents</b>		No information available	
<b>Partition coefficient</b>		No information available	
<b>Autoignition Temperature</b>		No information available	
<b>Decomposition temperature</b>		No information available	
<b>Kinematic viscosity</b>		No information available	
<b>Dynamic viscosity</b>		No information available	
<b>Explosive properties</b>	No information available		
<b>Oxidizing properties</b>	No information available		
<b><u>Other Information</u></b>			
<b>Softening point</b>	No information available		
<b>Molecular weight</b>	No information available		
<b>VOC content (%)</b>	14.07		
<b>Density</b>	6.92 lb/gal		
<b>Bulk Density</b>	No information available		

**10. Stability and Reactivity**

**Reactivity**  
 Not applicable                      no data available

**Chemical stability**  
 Stable.

**Possibility of hazardous reactions**  
 Temperatures above 120 F may cause cans to burst with force.

**hazardous polymerization**              Hazardous polymerization does not occur.

**Conditions to Avoid**  
 Temperatures above 120 F.

**Incompatible Materials**  
 Avoid heat, open flame and contact with strong oxidizers.

**Hazardous decomposition products**

Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

**11 Toxicological information**

**Information on likely routes of exposure**

<b>Product Information</b>	This product has not been tested as whole. See below for information on ingredients.
<b>inhalation</b>	no data available.
<b>Eye Contact</b>	no data available.
<b>Skin contact</b>	no data available.
<b>INGESTION</b>	no data available.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Low Odor Mineral Spirits 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Acetone 67-64-1	= 5800 mg/kg ( Rat )	-	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h

**Information on toxicological effects**

**Symptoms** Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	May cause skin irritation and reddening after prolonged or repeated contact with skin.
<b>Serious eye damage/eye irritation</b>	Irritating to eyes.
<b>irritation</b>	May cause skin and eye irritation.
<b>corrosivity</b>	Not applicable.
<b>sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>carcinogenicity</b>	Over exposure to petroleum solvents has been associated with nervous system damage.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

<b>Unknown acute toxicity</b>	-
<b>The following values are calculated based on chapter 3.1 of the GHS document .</b>	
<b>ATEmix (oral)</b>	5612 mg/kg
<b>ATEmix (dermal)</b>	2587 mg/kg
<b>ATEmix (inhalation-gas)</b>	700 mg/l
<b>ATEmix (inhalation-dust/mist)</b>	3.2 mg/l
<b>ATEmix (inhalation-vapor)</b>	5.1 mg/l

**12 Ecological information**

This product does not contain ingredients listed as marine pollutants according to DOT.

**ecotoxicity**

**FG 438-5197-11 CHAMPION SPRAYON STAINLESS STEEL CLEANER**

8.98% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Petroleum distillates, hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 2.2: 96 h Lepomis macrochirus mg/L LC50 static		4720: 96 h Den-dronereides heteropoda mg/L LC50
Hydrotreated Heavy Naphthenic Oil 64742-52-5		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50
Low Odor Mineral Spirits 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 2.2: 96 h Lepomis macrochirus mg/L LC50 static		4720: 96 h Den-dronereides heteropoda mg/L LC50
Acetone 67-64-1		6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 8300: 96 h Lepomis macrochirus mg/L LC50	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical name	Partition coefficient
Acetone 67-64-1	-0.24

**Other adverse effects**

Ozone

No information available

This product does not contain CFCs or other ozone depleting substances. Federal regulations prohibit the use CFC propellants in aerosols.

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal of wastes**

Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging**

Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Acetone 67-64-1		Included in waste stream: F039		U002

Chemical name	California Hazardous Waste Status
Acetone 67-64-1	Ignitable

**14. Transport information**

DOT

Limited quantity (LQ) Metal Cleaner .

**FG 438-5197-11 CHAMPION SPRAYON STAINLESS STEEL CLEANER**

<b>UN/ID no</b>	UN1950
<b>Proper Shipping Name</b>	Limited quantity (LQ)
<b>Hazard Class</b>	2.2
<b>Marine pollutant</b>	This product does not contain ingredients listed as marine pollutants according to DOT.

**5. Regulatory Information**

**International Inventories**

**TSCA** All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**DSL** All ingredients are listed or are excluded from listing on the DSL.

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Acetone 67-64-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Acetone 67-64-1	X	X	X
Carbon Dioxide 124-38-9	X	X	X

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**16. Other Information**

<u>NFPA</u>	Health Hazards 2	Flammability 4	Instability 1	Physical and chemical properties Not applicable
<u>HMIS</u>	Health Hazards 2	Flammability 4	Physical Hazards 1	Personal Protection B

Prepared by Regulatory Department  
Issue date 08-Dec-2014

Revision note

This SDS supersedes a previous SDS dated July 28, 2014.

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

# Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

# U.S. Department of Labor


Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

<b>IDENTITY</b> ( <i>As Used on Label and List</i> ) <b>Chauvet Snow Fluid SJU</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## Section I: Product and Company Identification

<b>Manufactured for:</b> Chauvet	24 hour Emergency Telephone Contact Number CHEMTREC Domestic North America: <b>800-424-9300</b> International: <b>703-527-3887</b> (collect calls accepted)
<b>Address</b> ( <i>Number, Street, City, State, and ZIP Code</i> ) 5200 NW 108 <sup>th</sup> Avenue Sunrise, FL - 33351	<b>Telephone Number for Information</b> 954-577-4455
<b>Date Prepared</b> April, 2015	<b>Date Updated</b> January, 2017

## Section II: Hazard(s) Identification

<b>Hazardous Components</b> ( <b>Specific Chemical Identity;</b> <b>Common Name(s)</b> )		<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits Recommended</b>
No hazardous ingredients				
This material is not considered to be hazardous according to regulatory guidelines.				
<b>HMIS Rating: Health – 0, Flammability – 0, Reactivity – 0</b>				
<b>Routes of Exposure:</b> Eye contact, Skin Contact, Ingestion, Inhalation				
<b>Health Hazards</b> ( <i>Acute and Chronic</i> ) Product hazards should be low under normal use.				
<b>Signs and Symptoms of Exposure</b> Skin or eye irritation may be possible in certain vulnerable persons. Low toxicity if swallowed.				
<b>Medical Conditions Generally Aggravated by Exposure</b> None known				



# Chauvet Snow Fluid SJU

## Section III – Composition / Information on Ingredients

No reportable Hazardous Substance(s) or Complex Substance(s).
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## Section IV: First Aid Measures

<p><b>Eyes:</b> Flush eyes with water for at least 15 minutes. If irritation persists, seek medical assistance</p> <p><b>Inhalation:</b> Move victim to fresh air. If symptoms persist, get medical attention.</p> <p><b>Skin:</b> Wash contact areas with soap and water. Take off contaminated clothing. Seek medical attention if irritation persists.</p> <p><b>Ingestion:</b> Do NOT induce vomiting. Seek medical attention.</p>
--

## Section V: Fire – Fighting Measures

<b>Flash Point (Method Used)</b> Not Flammable	<b>Flammable Limits</b> N/A	<b>LEL</b> N/A	<b>UEL</b> N/A
<b>Extinguishing Media</b> Use water fog, foam, CO <sub>2</sub> or dry chemical powder.			
<b>Special Fire Fighting Procedures</b> Wear self-contained breathing apparatus and full protective clothing			
<b>Unusual Fire and Explosion Hazards</b> None			

## Section VI: Accidental Release Measures

<b>Personal Precautions:</b> Isolate area. Keep unnecessary personnel away.
<b>Environmental precautions:</b> Prevent further leakage or spillage if safe to do so.
<b>Method for Containment:</b> Prevent entry into waterways, sewers, basements or confined areas.
<b>Method for Clean Up:</b> <b>Small spills:</b> Recover all usable material. Soak up balance with sand or dirt. Material is slippery on wet or hard surfaces. Flush area with plenty of water to remove trace residue. <b>Large Spills:</b> In case of a large spill by truck, use small spill procedure and a vacuum truck.

# Chauvet Snow Fluid SJU

## Section VII: Handling and Storage

<b>Handling</b> Avoid contact with skin and eyes. Wash hands thoroughly after handling.
<b>Storing</b> Store in a cool place. Keep in a well-ventilated place.

## Section VIII: Exposure Controls/Personal Protection

<b>Respiratory Protection (<i>Specify Type</i>)</b> Not Required		
<b>Ventilation</b>	<b>Local Exhaust</b> Recommended	<b>Special</b>
	<b>Mechanical (<i>General</i>)</b>	<b>Other</b>
<b>Protective Gloves</b> Nitrile/Latex		<b>Eye Protection</b> Chemical goggles.
<b>Other Protective Clothing or Equipment</b> Suitable protective clothing. Eye wash stations		
<b>Work/Hygienic Practices:</b> Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking		

## Section IX: Physical and Chemical Properties

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.995 – 1.005
<b>Vapor Pressure (mm Hg.)</b>	N/A	<b>pH</b>	6.0 – 8.5
<b>Vapor Density (AIR = 1)</b>	N/A	<b>Evaporation Rate (Butyl Acetate = 1)</b>	N/A
<b>Solubility in Water:</b> Complete			
<b>Physical State:</b> Liquid			
<b>Appearance:</b> Clear, light yellow			
<b>Odor:</b> Bland			

# Chauvet Snow Fluid SJU

## Section X: Stability and Reactivity

<b>Stability:</b>	Stable	<b>Hazardous Polymerization:</b>	Will Not Occur
<b>Incompatibility (Materials to Avoid):</b> None known			
<b>Conditions to Avoid:</b> Stable under normal conditions			
<b>Possibility of Hazardous Reactions:</b> Will not occur			
<b>Hazardous Decomposition Products:</b> None			

## Section XI: Toxicological Information

<b>Carcinogenicity/Other Information:</b> None of the components are listed by: <b>NTP, IARC, ACGIH, OSHA</b>
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## Section XII: Ecological Information

<b>Toxicity:</b> Not available
<b>Biodegradability:</b> Not available
<b>Bio-accumulative potential:</b> Not available
<b>Other Adverse Effects:</b> No ecological problems are to be expected.

## Section XIII: Disposal Considerations

<b>Disposal Recommendations:</b> Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations.
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## Section XIV: Transportation

<b>Land (DOT):</b> Not regulated for Land Transport
<b>Land (TDG):</b> Not regulated for Land Transport
<b>Sea (IMDG):</b> Not regulated for Sea Transport according to IMDG-Code
<b>Air (IATA):</b> Not regulated for Air Transport

## Chauvet Snow Fluid SJU

### Section XV: Regulatory Information

<b>OSHA Hazard Communication Standard:</b> When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
<b>EPCRA:</b> This material contains no extremely hazardous substances.
<b>SARA (311/312) Reportable Hazard Categories:</b> None
<b>SARA (313) Toxic Release Inventory:</b> This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.
<b>The Following Ingredients are Cited on the Lists Below:</b> None

### Section XVI: Other Information

<b>Other Special Considerations:</b> None
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**Disclaimer:** This information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

# Safety Data Sheet



## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

### Chevron SRI Grease 2

**Product Use:** Industrial Grease

**Product Number(s):** 219586, 254521

**Company Identification**

Chevron Canada Limited

500 - 5th Ave. SW

Calgary, ALBERTA T2P 0L7

Canada

www.chevronlubricants.com

**Transportation Emergency Response**

CHEMTREC: (800) 424-9300 or (703) 527-3887

**Health Emergency**

Chevron Emergency & Information Center: Located in the USA. International collect calls accepted. (800) 231-0623 or (510) 231-0623

**Product Information**

email : lubemsds@chevron.com

Product Information: (800) LUBE TEK

## SECTION 2 HAZARDS IDENTIFICATION

**CLASSIFICATION:** Acute aquatic toxicant: Category 3. Chronic aquatic toxicant: Category 3.

**Environmental Hazards:** Harmful to aquatic life with long lasting effects (H412).

**PRECAUTIONARY STATEMENTS:**

**Prevention:** Avoid release to the environment (P273).

**Disposal:** Dispose of contents/container in accordance with applicable local/regional/national/international regulations (P501).

## SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Highly refined mineral oil (C15 - C50)	Mixture	80 - 100 %wt/wt
Dialkyl methylene-bis(phenylene) diureas	Confidential	5 - 10 %wt/wt
Hydroxyalkyl carboxylic ester	68411-58-5	1 - 5 %wt/wt
Polymerized 1,2-dihydro-2,2,4-trimethylquinoline	26780-96-1	1 - 5 %wt/wt

Note that the actual concentration or concentration range of some or all of the above ingredients is considered confidential business information and is being withheld as permitted by WHMIS 2015.

## SECTION 4 FIRST AID MEASURES

### **Description of first aid measures**

**Eye:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

**Skin:** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

**Ingestion:** No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.

**Inhalation:** No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

### **Most important symptoms and effects, both acute and delayed**

#### **IMMEDIATE HEALTH EFFECTS**

**Eye:** Not expected to cause prolonged or significant eye irritation.

**Skin:** High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part.

Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin.

**Ingestion:** Not expected to be harmful if swallowed.

**Inhalation:** Not expected to be harmful if inhaled. Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing.

### **Indication of any immediate medical attention and special treatment needed**

**Note to Physicians:** In an accident involving high-pressure equipment, this product may be injected under the skin. Such an accident may result in a small, sometimes bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain. Immediate treatment at a surgical emergency center is recommended.

## **SECTION 5 FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

### **PROTECTION OF FIRE FIGHTERS:**

**Fire Fighting Instructions:** This material will burn although it is not easily ignited. See Section 7 for proper handling and storage. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

**Combustion Products:** Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form oxides of: Nitrogen, Phosphorus.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Protective Measures:** Eliminate all sources of ignition in vicinity of spilled material.

**Spill Management:** Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

**Reporting:** Report spills to local authorities as appropriate or required.

## SECTION 7 HANDLING AND STORAGE

**General Handling Information:** Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

**Precautionary Measures:** Keep out of the reach of children.

**Static Hazard:** Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures.

**Container Warnings:** Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

### ENGINEERING CONTROLS:

Use in a well-ventilated area.

### PERSONAL PROTECTIVE EQUIPMENT

**Eye/Face Protection:** No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

**Skin Protection:** No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: Neoprene, Nitrile Rubber, Silver Shield, Viton.

**Respiratory Protection:** No respiratory protection is normally required.

If user operations generate an oil mist, determine if airborne concentrations are below the occupational exposure limit for mineral oil mist. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.

Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

### Occupational Exposure Limits:

Component	Country/ Agency	Form	TWA	STEL	Ceiling	Notation
Highly refined mineral oil (C15 - C50)	ACGIH	--	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	--	--

NOTE ON OCCUPATIONAL EXPOSURE LIMITS: Consult local authorities for acceptable provincial values in Canada. Consult the Canadian Standards Association Standard Z94.4-2011 Selection, Use and Care of Respirators.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Attention:** the data below are typical values and do not constitute a specification.

**Color:** Dark green  
**Physical State:** Semi-solid  
**Odor:** Petroleum odor  
**Odor Threshold:** Not available  
**pH:** Not Applicable  
**Vapor Pressure:** Not available  
**Vapor Density (Air = 1):** Not available  
**Initial Boiling Point:** Not available  
**Solubility:** Soluble in hydrocarbons; insoluble in water  
**Freezing Point:** Not available  
**Melting Point:** Not available  
**Specific Gravity:** 0.90 @ 15.6°C (60°F) (Typical)  
**Density:** Not available  
**Viscosity:** 11.80 mm<sup>2</sup>/s @ 100°C (212°F) (Minimum)  
**Evaporation Rate:** Not available  
**Decomposition temperature:** Not available  
**Octanol/Water Partition Coefficient:** Not available

#### **FLAMMABLE PROPERTIES:**

**Flammability (solid, gas):** Not Available

**Flashpoint:** (Cleveland Open Cup) 204 °C (399 °F) (Minimum)

**Autoignition:** Not available

**Flammability (Explosive) Limits (% by volume in air):** Lower: Not Applicable Upper: Not Applicable

### **SECTION 10 STABILITY AND REACTIVITY**

**Reactivity:** May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.

**Chemical Stability:** This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Incompatibility With Other Materials:** Not applicable

**Hazardous Decomposition Products:** None known (None expected)

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Sensitivity to Mechanical Impact:** No.

### **SECTION 11 TOXICOLOGICAL INFORMATION**

#### **Information on toxicological effects**

**Serious Eye Damage/Irritation:** The eye irritation hazard is based on evaluation of data for similar materials.

**Skin Corrosion/Irritation:** The skin irritation hazard is based on evaluation of data for similar materials.

**Skin Sensitization:** The skin sensitization hazard is based on evaluation of data for similar materials.

**Acute Dermal Toxicity:** The acute dermal toxicity hazard is based on evaluation of data for similar materials.

**Acute Oral Toxicity:** The acute oral toxicity hazard is based on evaluation of data for similar materials.

**Acute Inhalation Toxicity:** The acute inhalation toxicity hazard is based on evaluation of data for similar materials. For additional information on the acute toxicity of the components, call the technical information center.

**Acute Toxicity Estimate:** Not Determined

**Germ Cell Mutagenicity:** The hazard evaluation is based on data for components or a similar material.

**Carcinogenicity:** The hazard evaluation is based on data for components or a similar material.



**Reproductive Toxicity:** The hazard evaluation is based on data for components or a similar material.

**Specific Target Organ Toxicity - Single Exposure:** The hazard evaluation is based on data for components or a similar material.

**Specific Target Organ Toxicity - Repeated Exposure:** The hazard evaluation is based on data for components or a similar material.

**ADDITIONAL TOXICOLOGY INFORMATION:**

This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

These oils have not been classified by the American Conference of Governmental Industrial Hygienists (ACGIH) as: confirmed human carcinogen (A1), suspected human carcinogen (A2), or confirmed animal carcinogen with unknown relevance to humans (A3).

**SECTION 12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

This material is expected to be harmful to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

The product has not been tested. The statement has been derived from the properties of the individual components.

**MOBILITY**

No data available.

**PERSISTENCE AND DEGRADABILITY**

This material is not expected to be readily biodegradable. The biodegradability of this material is based on an evaluation of data for the components or a similar material.

The product has not been tested. The statement has been derived from the properties of the individual components.

**POTENTIAL TO BIOACCUMULATE**

Bioconcentration Factor: No data available.

Octanol/Water Partition Coefficient: No data available

**SECTION 13 DISPOSAL CONSIDERATIONS**

Use material for its intended purpose or recycle if possible. Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods. (See B.C. Reg. GY/92 Waste Management Act; R.R.O. 1990, Reg. 347 General-Waste Management; C.C.S.M.c. W40 The Waste Reduction and Prevention Act; N.S. Reg. 51/95 and N.S. Reg. 179/96 for examples of Provincial legislation.)

**SECTION 14 TRANSPORT INFORMATION**

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

**TC Shipping Description:** NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER TRANSPORT CANADA

**IMO/IMDG Shipping Description:** NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER THE IMDG CODE

**ICAO/IATA Shipping Description:** NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORT UNDER ICAO

**DOT Shipping Description:** NOT REGULATED AS HAZARDOUS MATERIAL UNDER 49 CFR

## SECTION 15 REGULATORY INFORMATION

### REGULATORY LISTS SEARCHED:

01-1=IARC Group 1  
01-2A=IARC Group 2A  
01-2B=IARC Group 2B

No components of this material were found on the regulatory lists above.

### CHEMICAL INVENTORIES:

All components comply with the following chemical inventory requirements: IECSC (China), PICCS (Philippines), TCSI (Taiwan), TSCA (United States).

One or more components does not comply with the following chemical inventory requirements: ENCS (Japan).

## SECTION 16 OTHER INFORMATION

**REVISION STATEMENT:** SECTION 01 - Product Code(s) information was modified.

SECTION 01 - Product Use information was modified.

SECTION 03 - Composition information was modified.

SECTION 05 - Special hazards arising from the substance or mixture information was modified.

SECTION 06 - Environmental Precautions information was modified.

SECTION 08 - Occupational Exposure Limit Table information was modified.

SECTION 09 - Physical/Chemical Properties information was modified.

**Revision Date:** April 27, 2020

### ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	PEL - Permissible Exposure Limit
GHS - Globally Harmonized System	CAS - Chemical Abstract Service Number
ACGIH - American Conference of Governmental Industrial Hygienists	IMO/IMDG - International Maritime Dangerous Goods Code
API - American Petroleum Institute	SDS - Safety Data Sheet
WHMIS - Workplace Hazardous Materials Information System	NFPA - National Fire Protection Association (USA)
DOT - Department of Transportation (USA)	NTP - National Toxicology Program (USA)
IARC - International Agency for Research on Cancer	OSHA - Occupational Safety and Health Administration
NCEL - New Chemical Exposure Limit	EPA - Environmental Protection Agency
SCBA - Self-Contained Breathing Apparatus	

Prepared according to the WHMIS 2015 by Chevron Energy Technology Company, 6001 Bollinger Canyon Road, San Ramon, CA 94583.

**The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.**

**SAFETY DATA SHEET (SDS)**MATERIAL NAME: **CHROMACRYL ACRYLIC ESSENTIALS**LAST REVISION: **10/28/2015****SECTION 1 – IDENTIFICATION****Material Name**

CHROMACRYL ACRYLIC ESSENTIALS

**Product Number**

Various

(All information the same for all colors and sizes.)

**Manufacturer Information**

Chroma, Inc.

Airport Industrial Park

205 Bucky Drive

Lititz, Pennsylvania 17543

U.S.A.

Phone: 717-626-8866; 1-800-257-8278

Fax: 717-626-9292

Email: jhirneisen@chromaonline.com; infousa@chromaonline.com

Emergency Phone Number: 1-800-257-8278

Poison Control Center: 1-888-516-2502

**SECTION 2 – HAZARDS IDENTIFICATION****Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

There are no GHS label elements.

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING: NTP: **NO** IARC: **NO** OSHA: **NO**

SEE SECTION 3 FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: NONE

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>CAS #</b>	<b>PEL/TLV (MG/M#)</b>	<b>Max % Weight</b>	<b>NTP</b>	<b>IARC</b>
NONE					

All Colors - Chromacryl Acrylic Essentials

Page 1 of 4

SDS Date 10/15

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Page 1 of 4

**SECTION 4 – FIRST AID MEASURES**

FIRST AID MEASURES: NONE REQUIRED

NO ACUTE HEALTH EFFECTS EXPECTED.

**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT (METHOD): N/A

AUTOIGNITION TEMPERATURE: N/A

EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE

EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED

FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED

UNUSUAL FIRE &amp; EXPLOSION HAZARDS: NOT COMBUSTIBLE

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED:

Clean up in accordance with all applicable regulations. Absorb spillage with non- combustible, absorbent material. For waste disposal, see Section 13.

**SECTION 7 – HANDLING & STORAGE**

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING:

Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.): NONE REQUIRED

WORK / HYGIENE PRACTICES: NONE REQUIRED

ENGINEERING CONTROLS: NONE REQUIRED

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: N/A

MELTING POINT: N/A

VAPOR PRESSURE: N/A

SPECIFIC VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY: N/A

SOLUBILITY IN WATER: N/A

REACTIVITY IN WATER: NON-REACTIVE

All Colors - Chromacryl Acrylic Essentials

Page 2 of 4 SDS Date 10/15

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**SECTION 10 – STABILITY AND REACTIVITY**

HAZARDOUS POLYMERIZATION PRODUCTS: NONE

STABILITY: STABLE CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

**SECTION 11 – TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED

The summated LD50 is 21400 mg/kg.

The summated LC50 is 41684 mg/cubic meter.

This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section 3)

**SECTION 12 – ECOLOGICAL INFORMATION**

NO HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

RCRA HAZARD CLASS (40 CFR 261):

THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**SECTION 14 – TRANSPORTATION INFORMATION**

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

**SECTION 15 – REGULATORY INFORMATION**

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS

NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372): NONE

All Colors - Chromacryl Acrylic Essentials

Page 3 of 4

SDS Date 10/15

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**INTERNATIONAL REGULATIONS**

CANADIAN WHMIS: THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM.

IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:

FERRIC OXIDE  
PIGMENT RED 2 DISPERSION

**SUPPLEMENTAL STATE COMPLIANCE INFORMATION:**

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:

AMMONIUM HYDROXIDE  
PIGMENT RED 101  
PIGMENT RED 2 DISPERSION

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:

NONE

Under CPSC's consumer product regulations (16CFR1500.3 and 150014), this product has the following required acute and chronic hazard labeling:

NONE

**SECTION 16 -- OTHER INFORMATION**

ALL INFORMATION THE SAME FOR ALL COLORS AND SIZES.

THIS PRODUCT DOES NOT CONTAIN EGG, DAIRY, WHEAT, GLUTEN, SOY OR PEANUT PRODUCTS, BY-PRODUCTS OR DERIVATIVES.

THIS PRODUCT DOES NOT CONTAIN LATEX MATERIALS OR ANIMAL DERIVED INGREDIENTS.

All Colors - Chromacryl Acrylic Essentials

Page 4 of 4 SDS Date 10/15

While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data is not to be taken as a warranty or representation for which we assume legal responsibility. It is offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, State, and Local laws and regulations.

Item Numbers: 00673-0069, 00673-0129, 00673-1004, 00673-1006, 00673-1008, 00673-1024, 00673-1026, 00673-1028, 00673-1069, 00673-2024, 00673-2026, 00673-2028, 00673-2069, 00673-2129, 00673-2969, 00673-3044, 00673-3046, 00673-3048, 00673-3069, 00673-3074, 00673-3076, 00673-3078, 00673-3124, 00673-3126, 00673-3128, 00673-3714, 00673-3716, 00673-3718, 00673-3774, 00673-3776, 00673-3778, 00673-4424, 00673-4426, 00673-4428, 00673-4474, 00673-4476, 00673-4478, 00673-4514, 00673-4516, 00673-4518, 00673-5184, 00673-5186, 00673-5188, 00673-5504, 00673-5506, 00673-5508, 00673-5624, 00673-5626, 00673-5628, 00673-6004, 00673-6006, 00673-6008, 00673-7014, 00673-7016, 00673-7018, 00673-8004, 00673-8006, 00673-8008, 00673-8044, 00673-8046, 00673-8048, 00673-8064, 00673-8066, 00673-8068, 00673-8074, 00673-8076, 00673-8078

# SAFETY DATA SHEET (SDS)

MATERIAL NAME: CHROMACRYL TEXTURE PASTE

LAST REVISION: 12/16/2015

## SECTION 1 – IDENTIFICATION

### Material Name

CHROMACRYL TEXTURE PASTE

### Product Number

Various

(All information the same for all sizes.)

### Manufacturer Information

Chroma, Inc.

Airport Industrial Park

205 Bucky Drive

Lititz, Pennsylvania 17543

U.S.A.

Phone: 717-626-8866; 1-800-257-8278

Fax: 717-626-9292

Email: jhirneisen@chromaonline.com; infousa@chromaonline.com

For Transportation Emergencies Only: 1-800-257-8278

For Health Emergencies Call the Poison Control Center: 1-888-516-2502

Seek medical assistance for further treatment, observation and support, if necessary.

## SECTION 2 – HAZARDS IDENTIFICATION

### Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

There are no GHS label elements.

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING: NTP: **NO** IARC: **NO** OSHA: **NO**

SEE SECTION 3 FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: NONE

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS #</u>	<u>PEL/TLV (MG/M#)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
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NONE



#### **SECTION 4 – FIRST AID MEASURES**

FIRST AID MEASURES: NONE REQUIRED

NO ACUTE HEALTH EFFECTS EXPECTED.

#### **SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT (METHOD): N/A

AUTOIGNITION TEMPERATURE: N/A

EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE

EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED

FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED

UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

#### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED:

Clean up in accordance with all applicable regulations. Absorb spillage with non-combustible, absorbent material. For waste disposal, see Section 13.

#### **SECTION 7 – HANDLING & STORAGE**

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING:

Good industrial hygiene practice requires that exposure be maintained below the TLV. This is preferably achieved through the provision of adequate ventilation. When exposure cannot be adequately controlled in this way, personal respiratory protection should be employed.

#### **SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC.): NONE REQUIRED

WORK / HYGIENE PRACTICES: NONE REQUIRED

ENGINEERING CONTROLS: NONE REQUIRED

#### **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: N/A

MELTING POINT: N/A

VAPOR PRESSURE: N/A

SPECIFIC VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY: N/A

SOLUBILITY IN WATER: N/A

REACTIVITY IN WATER: NON-REACTIVE

## **SECTION 10 – STABILITY AND REACTIVITY**

HAZARDOUS POLYMERIZATION PRODUCTS: NONE

STABILITY: STABLE CONDITIONS TO AVOID: NONE

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS ASSOCIATED WITH USE OF THIS MATERIAL: NONE EXPECTED

The summated LD50 is 50000 mg/kg.

The summated LC50 is 99999 mg/cubic meter.

This product is not considered to be a known or suspected human carcinogen by NTP, IARC or OSHA (see section 3)

## **SECTION 12 – ECOLOGICAL INFORMATION**

NO HARMFUL EFFECTS KNOWN OTHER THAN THOSE ASSOCIATED WITH SUSPENDED INERT SOLIDS IN WATER.

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

RCRA HAZARD CLASS (40 CFR 261):

THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE.

WASTE DISPOSAL METHOD:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## **SECTION 14 – TRANSPORTATION INFORMATION**

U.S. DOT (49 CFR 172.101): THIS IS NOT A HAZARDOUS MATERIAL AS CLASSIFIED BY CFR 172.101.

## **SECTION 15 – REGULATORY INFORMATION**

CONTENTS OF THIS SDS COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

EPA SARA TITLE III CHEMICAL LISTINGS

NONE

SECTION 302.4 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): NONE

SECTION 313 TOXIC CHEMICALS (40 CFR 372): NONE

## **INTERNATIONAL REGULATIONS**

CANADIAN WHMIS:

THIS PRODUCT IS A CONTROLLED PRODUCT UNDER CANADA'S WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM.

IT CONTAINS THE FOLLOWING TOXIC OR HIGHLY TOXIC MATERIALS:

PROPYLENE GLYCOL

## **SUPPLEMENTAL STATE COMPLIANCE INFORMATION**

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED UNDER NEW JERSEY'S RIGHT TO KNOW PROGRAM:

AMMONIUM HYDROXIDE

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) REQUIRING NOTIFICATION TO THE STATE OF WASHINGTON UNDER THEIR CHILDREN'S SAFE PRODUCTS ACT:

NONE

Under CPSC's consumer product regulations (16CFR1500.3 and 150014), this product has the following required acute and chronic hazard labeling:

NONE

## **SECTION 16 – OTHER INFORMATION**

ALL INFORMATION THE SAME FOR ALL SIZES.

THIS PRODUCT DOES NOT CONTAIN EGG, DAIRY, WHEAT, GLUTEN, SOY OR PEANUT PRODUCTS, BY-PRODUCTS OR DERIVATIVES.

THIS PRODUCT DOES NOT CONTAIN LATEX MATERIALS OR ANIMAL DERIVED INGREDIENTS.

# SAFETY DATA SHEET

Issuing Date 09-Jul-2013

Revision Date 27-May-2015

Revision Number 1



The supplier identified below generated this SDS using the UL SDS template. UL did not test, certify, or approve the substance described in this SDS, and all information in this SDS was provided by the supplier or was reproduced from publically available regulatory data sources. UL makes no representations or warranties regarding the completeness or accuracy of the information in this SDS and disclaims all liability in connection with the use of this information or the substance described in this SDS. The layout, appearance and format of this SDS is © 2014 UL LLC. All rights reserved.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product Name** Cinch Glass, Kitchen and Bath Cleaner

### Other means of identification

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Kitchen Glass Cleaner - Non-Aerosol

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** MEDTECH PRODUCTS INC

**Supplier Address** 660 White Plains Road  
Tarrytown,  
NY  
10591  
US

**Supplier Phone Number** Phone:1-864-879-0953  
Fax:1-914-524-6815  
Contact Phone914-524-6861

**Supplier Email** bodongo@prestigebrandsinc.com

### Emergency telephone number

**Company Emergency Phone Number** 1-864-879-0953

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable liquids

Category 4

### GHS Label elements, including precautionary statements



**Emergency Overview**

<b>Signal word</b>	<b>Warning</b>		
Combustible liquid			
<b>Appearance</b> Clear	<b>Physical state</b> Liquid		<b>Odor</b> Sweet

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

**Fire**

In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0.885% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION  
 May cause slight eye irritation

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	Trade Secret
Supplier Trade Secret	Proprietary	1 - 5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES**

**First aid measures**



<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

#### **Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

#### **Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

### **5. FIRE-FIGHTING MEASURES**

#### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

#### **Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

#### **Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition. Risk of ignition. In the event of fire, cool tanks with water spray.

**Uniform Fire Code** Combustible Liquid: III-A

#### **Hazardous Combustion Products**

Carbon oxides.

#### **Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** Yes.

#### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes. Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material.

### Environmental precautions

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Do not breathe dust/fume/gas/mist/vapors/spray.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** Strong oxidizing agents. Acids. Chlorinated compounds.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sup>3</sup> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962



(11th Cir., 1992) See section 15 for national exposure control parameters

### Appropriate engineering controls

**Engineering Measures**                      Showers  
 Eyewash stations  
 Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection**                      Tight sealing safety goggles.

**Skin and body protection**                No special protective equipment required.

**Respiratory protection**                 No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**                        Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical state</b>	Liquid		
<b>Appearance</b>	Clear	<b>Odor</b>	Sweet
<b>Color</b>	No information available	<b>Odor Threshold</b>	No information available
<b>Property</b>	<b>Values</b>	<b>Remarks</b>	<b>Method</b>
pH	10	None known	
<b>Melting / freezing point</b>	No data available	None known	
<b>Boiling point / boiling range</b>	No data available	None known	
<b>Flash Point</b>	90 C / 194 F	None known	
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	No data available	None known	
<b>Flammability Limit in Air</b>			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
<b>Vapor pressure</b>	No data available	None known	
<b>Vapor density</b>	No data available	None known	
<b>Specific Gravity</b>	1	None known	
<b>Water Solubility</b>	Soluble in water	None known	
<b>Solubility in other solvents</b>	No data available	None known	
<b>Partition coefficient: n-octanol/water</b>	No data available	None known	
<b>Autoignition temperature</b>	No data available	None known	
<b>Decomposition temperature</b>	No data available	None known	
<b>Kinematic viscosity</b>	No data available	None known	
<b>Dynamic viscosity</b>	No data available	None known	
<b>Explosive properties</b>	No data available		
<b>Oxidizing properties</b>	No data available		

### Other Information

**Softening Point**                              No data available  
**VOC Content (%)**                            No data available  
**Particle Size**                                 No data available





Particle Size Distribution

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Strong oxidizing agents. Acids. Chlorinated compounds.

**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

**Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation**

Specific test data for the substance or mixture is not available.

**Eye contact**

Specific test data for the substance or mixture is not available.

**Skin contact**

Specific test data for the substance or mixture is not available.

**Ingestion**

Specific test data for the substance or mixture is not available.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	= 4396 mg/kg ( Rat )	= 12800 mg/kg ( Rabbit )	= 16000 ppm ( Rat ) 8 h

**Information on toxicological effects**

**Symptoms**

No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization**

No information available.

**Mutagenic Effects**

No information available.

**Carcinogenicity**

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret		Group 3		X



--	--	--	--	--

Group 3 - Not Classifiable as to Carcinogenicity in Humans

X - Present

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No known effect based on information supplied.
<b>Target Organ Effects</b>	Eyes. Respiratory system. Skin. Blood. Kidney. Liver. Spleen. Systemic Toxicity.
<b>Aspiration Hazard</b>	No information available.

**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (inhalation-vapor)**  
2,780.54 ATEmix

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret	96h EC50: > 1000 mg/L (Desmodesmus subspicatus) 72h EC50: > 1000 mg/L (Desmodesmus subspicatus)	96h LC50: > 1400000 µg/L (Lepomis macrochirus) 96h LC50: = 11130 mg/L (Pimephales promelas) 96h LC50: = 9640 mg/L (Pimephales promelas)		48h EC50: = 13299 mg/L

**Persistence and Degradability**

No information available.

**Bioaccumulation**

Chemical Name	Log Pow
Supplier Trade Secret	0.05

**Other adverse effects**

No information available.



**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes 561**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Supplier Trade Secret	Toxic Ignitable

**14. TRANSPORT INFORMATION**

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON REGULATED  
 N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA**  
**Proper Shipping Name** Not regulated  
**Hazard Class** NON REGULATED  
 N/A

**IMDG/IMO**  
**Hazard Class** Not regulated  
 N/A

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL** All components are listed either on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List



**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Supplier Trade Secret -		1 - 5	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X	X	X	

**International Regulations****Mexico****National occupational exposure limits**

Component	Carcinogen Status	Exposure Limits
Supplier Trade Secret (1 - 5)		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m <sup>3</sup> Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m <sup>3</sup>

Mexico - Occupational Exposure Limits - Carcinogens

**Canada****WHMIS Hazard Class**

Not determined

**16. OTHER INFORMATION**

NFPA	Health Hazards 1	Flammability 2	Instability 0	Physical and Chemical Hazards - Personal Protection
HMIS	Health Hazards 1	Flammability 2	Physical Hazard 0	



X

<b>Prepared By</b>	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
<b>Issuing Date</b>	09-Jul-2013
<b>Revision Date</b>	27-May-2015
<b>Revision Note</b>	No information available

**Disclaimer**

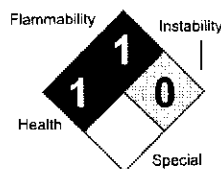
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**

# MATERIAL SAFETY DATA SHEET

## CitriStrip Stripping Gel

Page: 1



Printed: 06/30/2009  
Revision: 05/28/2009  
Supersedes Revision: 12/23/2008  
Date Created: 12/23/2008

### 1. Product and Company Identification

**Product Code:** CS61040.25  
**Product Name:** CitriStrip Stripping Gel  
**Manufacturer Information**  
**Company Name:** W. M. Barr  
2105 Channel Avenue  
Memphis, TN 38113  
**Phone Number:** (901)775-0100  
**Emergency Contact:** 3E 24 Hour Emergency Contact (800)451-8346  
**Information:** W.M. Barr Customer Service (800)398-3892  
**Web site address:** www.wmbarr.com  
**Preparer Name:** W.M. Barr EHS Dept (901)775-0100  
**Synonyms**

DCG73805, HCG73803T, QCG73801T, QCG73801TP

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV
1. Dimethyl glutarate	1119-40-0	10.0 -30.0 %	No data.	No data.
2. Dimethyl adipate	627-93-0	10.0 -30.0 %	No data.	No data.
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	30.0 -60.0 %	No data.	No data.
4. Citrus, ext. * Extractives and their physically modified derivatives such as tinctures, concretes,	94266-47-4	1.0 -5.0 %	No data.	No data.
5. Polyethoxylated (15) cocamine	61791-14-8	1.0 -5.0 %	No data.	No data.

### 3. Hazards Identification

#### Emergency Overview

No data available.

#### OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

#### Potential Health Effects (Acute and Chronic)

##### ACUTE EYE CONTACT:

May cause eye irritation with discomfort, tearing, or blurring of vision and corneal clouding. May cause burns of the eye.

##### ACUTE SKIN CONTACT:

May cause mild skin irritation with redness, discomfort, burning, or rash. Prolonged or repeated skin contact may cause dermatitis and drying of the skin.

##### ACUTE INHALATION:

May cause irritation of the upper respiratory passages, with coughing, headache, and discomfort.

##### ACUTE INGESTION:

May cause gastric disturbances. May cause nausea and vomiting. May damage mucous membranes.

**CHRONIC EFFECTS:** This product contains a material (N-Methylpyrrolidone) that may adversely effect the

# MATERIAL SAFETY DATA SHEET

## CitriStrip Stripping Gel

Page: 2

Printed: 06/30/2009

Revision: 05/28/2009

Supersedes Revision: 12/23/2008

developing fetus based on animal data.

TARGET ORGANS: Eyes, skin, respiratory tract, digestive system.

ROUTES OF ENTRY: Eye and skin contact, ingestion, and inhalation.

### Signs and Symptoms Of Exposure

See Potential Health Effects.

### Medical Conditions Generally Aggravated By Exposure

Pre-existing eye disease and pre-existing skin conditions.

## 4. First Aid Measures

### Emergency and First Aid Procedures

#### INHALATION:

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

#### SKIN CONTACT:

Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

#### EYE CONTACT:

Immediately flush with water for at least 15 minutes. Get medical attention immediately.

#### INGESTION:

Do not induce vomiting, unless directed to by medical personnel. Call your poison control center, hospital, emergency room, or physician immediately for instructions. Do not give anything by mouth to an unconscious person.

### Note to Physician

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## 5. Fire Fighting Measures

**Flash Pt:** > 200.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)

**Explosive Limits:** LEL: No data. UEL: No data.

### Fire Fighting Instructions

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Containers can build up pressure if exposed to heat (fire). Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

### Flammable Properties and Hazards

Not Applicable.

### Hazardous Combustion Products

Carbon monoxide, carbon dioxide.

### Extinguishing Media

Use carbon dioxide, dry powder, water spray, or foam.

### Unsuitable Extinguishing Media

None known.

# MATERIAL SAFETY DATA SHEET

## CitriStrip Stripping Gel

Page: 3

Printed: 06/30/2009

Revision: 05/28/2009

Supercedes Revision: 12/23/2008

### 6. Accidental Release Measures

#### Steps To Be Taken In Case Material Is Released Or Spilled

Isolate the immediate area. Prevent unauthorized entry. Eliminate all sources of ignition in area and downwind of the spill area. Stay upwind, out of low areas, and ventilate closed spaces before entering. All equipment used when handling this product must be grounded or non-sparking. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, or confined areas. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to compatible containers. For large spills, dike ahead of the spill.

### 7. Handling and Storage

#### Precautions To Be Taken in Handling

Avoid contact with skin and eyes. Keep away from heat, sparks and flame. Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

#### Precautions To Be Taken in Storing

Store in a cool place in original container and protect from sunlight. Do not store near flames or at elevated temperatures.

### 8. Exposure Controls/Personal Protection

#### Respiratory Equipment (Specify Type)

When used by the consumer following directions for use and with adequate ventilation, respiratory protection should not be needed.

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

#### Eye Protection

Safety glasses should be worn during normal handling of this material.

Where contact with the eyes or face is likely, a faceshield or chemical splash goggles should be worn to prevent eye contact.

#### Protective Gloves

Wear gloves resistant to the chemical ingredients, such as nitrile rubber, neoprene, etc. Refer to the glove manufacturer's recommendations for permeability.

#### Other Protective Clothing

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

#### Engineering Controls (Ventilation etc.)

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.



# MATERIAL SAFETY DATA SHEET

## CitriStrip Stripping Gel

Page: 4

Printed: 06/30/2009

Revision: 05/28/2009

Supersedes Revision: 12/23/2008

### Work/Hygienic/Maintenance Practices

Wash hands thoroughly after use and before eating, drinking, or smoking. Do not eat, drink, or smoke in the work area. Discard any clothing or other protective equipment that cannot be decontaminated.

A source of clean water should be available in the work area for flushing of eyes and skin.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	> 200.00 C
<b>Autoignition Pt:</b>	No data.
<b>Flash Pt:</b>	> 200.00 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Specific Gravity (Water = 1):</b>	~ 1.15
<b>Density:</b>	9.6 LB/GL
<b>Bulk density:</b>	No data.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	0.25 MM HG at 20.0 C
<b>Vapor Density (vs. Air = 1):</b>	> 1
<b>Evaporation Rate (vs Butyl Acetate=1):</b>	< 1
<b>Solubility in Water:</b>	Partially
<b>Percent Volatile:</b>	~ 65 % by weight.
<b>VOC / Volume:</b>	~ 41.0000 % WT
<b>Heat Value:</b>	No data.
<b>Particle Size:</b>	No data.
<b>Corrosion Rate:</b>	No data.
<b>pH:</b>	No data.
<b>Appearance and Odor</b>	

Orange, translucent, viscous

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

### Conditions To Avoid - Instability

No data available.

### Incompatibility - Materials To Avoid

Strong oxidizers, acids, alkalies

### Hazardous Decomposition Or Byproducts

Carbon monoxide, carbon dioxide, nitrogen oxides, oxides of citrus terpenes

**Hazardous Polymerization:** Will occur [ ] Will not occur [ X ]

### Conditions To Avoid - Hazardous Polymerization

No data available.

## 11. Toxicological Information

No data available.

### Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Dimethyl glutarate	1119-40-0	n.a.	n.a.	n.a.	n.a.
2. Dimethyl adipate	627-93-0	n.a.	n.a.	n.a.	n.a.

# MATERIAL SAFETY DATA SHEET

## CitriStrip Stripping Gel

Page: 5

Printed: 06/30/2009

Revision: 05/28/2009

Supersedes Revision: 12/23/2008

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	n.a.	n.a.	n.a.	n.a.
4. Citrus, ext. * Extractives and their physically modified derivatives such as tinctures, concretes,	94266-47-4	n.a.	n.a.	n.a.	n.a.
5. Polyethoxylated (15) cocamine	61791-14-8	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

#### Waste Disposal Method

Dispose in accordance with applicable local, state, and federal regulations.

### 14. Transport Information

#### LAND TRANSPORT (US DOT)

**DOT Proper Shipping Name** Not Regulated by DOT.

#### Additional Transport Information

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

### 15. Regulatory Information

#### US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Dimethyl glutarate	1119-40-0	No	No	No	
2. Dimethyl adipate	627-93-0	No	No	No	
3. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	No	No	Yes	
4. Citrus, ext. * Extractives and their physically modified derivatives such as tinctures, concretes,	94266-47-4	No	No	No	
5. Polyethoxylated (15) cocamine	61791-14-8	No	No	No	

#### US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. Dimethyl glutarate	1119-40-0	No		Inventory, 4 Test, 12(b)	
2. Dimethyl adipate	627-93-0	No		Inventory, 4 Test, 12(b)	
3. N-Methyl-2-Pyrrolidone (2-Pyrrolidinone, 1-Methyl-)	872-50-4	No		Inventory, 4 Test, 12(b)	No
4. Citrus, ext. * Extractives and their physically modified derivatives such as tinctures, concretes,	94266-47-4	No		No	
5. Polyethoxylated (15) cocamine	61791-14-8	No		Inventory	

#### SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

##### Sec.302:

EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. \* indicates 10000 LB TPQ if not volatile.

# MATERIAL SAFETY DATA SHEET

## CitriStrip Stripping Gel

Page: 6

Printed: 06/30/2009

Revision: 05/28/2009

Supersedes Revision: 12/23/2008

- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. \*\* indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

### TSCA (Toxic Substances Control

#### Act) Lists:

- Inventory:** Chemical Listed in the TSCA Inventory.
- 5A(2):** Chemical Subject to Significant New Rules (SNURS)
- 6A:** Commercial Chemical Control Rules
- 8A:** Toxic Substances Subject To Information Rules on Production
- 8A CAIR:** Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR:** Preliminary Assessment Information Rules - (PAIR)
- 8C:** Records of Allegations of Significant Adverse Reactions
- 8D:** Health and Safety Data Reporting Rules
- 8D TERM:** Health and Safety Data Reporting Rule Terminations
- 12(b):** Notice of Export

#### Other Important Lists:

- CWA NPDES:** EPA Clean Water Act NPDES Permit Chemical
- CAA HAP:** EPA Clean Air Act Hazardous Air Pollutant
- CAA ODC:** EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
- CA PROP 65:** California Proposition 65

#### International Regulatory Lists:

#### EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes  No Acute (immediate) Health Hazard
- Yes  No Chronic (delayed) Health Hazard
- Yes  No Fire Hazard
- Yes  No Sudden Release of Pressure Hazard
- Yes  No Reactive Hazard

## 16. Other Information

#### Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

# SAFETY DATA SHEET

Citrus Scrub 'N Shine

## Section 1. Identification

GHS product identifier : Citrus Scrub 'N Shine  
Other means of identification : 525FR  
Product type : Liquid

### Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

Supplier's details : Essential Industries, Inc.  
P.O. Box 12  
Merton, WI 53056-0012  
Phone: 262-538-1122

Emergency telephone number (with hours of operation) : 800-843-6174 (24 Hours)

## Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 2

### GHS label elements

Hazard pictograms :



Signal word : Warning  
Hazard statements : May cause an allergic skin reaction.  
Suspected of causing cancer.

### Precautionary statements

General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.  
Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Avoid breathing vapor. Contaminated work clothing should not be allowed out of the workplace.  
Response : IF exposed or concerned: Get medical attention. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.  
Storage : Store locked up.  
Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.  
Hazards not otherwise classified : None known.

### Section 3. Composition/information on ingredients

Substance/mixture : Mixture  
 Other means of identification : Not available

#### CAS number/other identifiers

CAS number : Not applicable  
 Product code : 525FR

Ingredient name	%	CAS number
Coconut oil diethanolamide	1 - 5	68603-42-9
d-Limonene	0 - 1	5989-27-5
Diethanolamine	0 - 1	111-42-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

#### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

## Section 4. First aid measures

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness
- Ingestion** : No specific data.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

## Section 6. Accidental release measures

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Diethanolamine	<p><b>OSHA PEL 1989 (United States, 3/1989).</b>            TWA: 3 ppm 8 hours.            TWA: 15 mg/m<sup>3</sup> 8 hours.</p> <p><b>NIOSH REL (United States, 10/2013).</b>            TWA: 3 ppm 10 hours.            TWA: 15 mg/m<sup>3</sup> 10 hours.</p> <p><b>ACGIH TLV (United States, 6/2013).</b>  <b>Absorbed through skin.</b>            TWA: 1 mg/m<sup>3</sup> 8 hours. Form: Inhalable fraction and vapor</p>

## Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eyeface protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid
- Color** : Light Yellow
- Odor** : Citrus
- Odor threshold** : Not available
- pH** : 9.7 to 10.7
- Melting point** : 0°C (32°F)
- Boiling point** : 100°C (212°F)
- Flash point** : Closed cup: >98.89°C (>210°F) [No sustained combustion under required test conditions listed in DOT 173.120(3).]
- Evaporation rate** : Not available
- Flammability (solid, gas)** : Not available



## Section 9. Physical and chemical properties

Lower and upper explosive (flammable) limits : Not available  
 Vapor pressure : <4 kPa (<30 mm Hg) [room temperature]  
 Vapor density : <1 [Air = 1]  
 Specific gravity : 1 g/cm<sup>3</sup>  
 Solubility : Not available

Partition coefficient: n-octanol/water : Not available

Auto-ignition temperature : Not available

Viscosity : Not available

VOC content : 1.4%

VOCs are calculated following the requirements under 40 CFR, Part 59, Subpart C for Consumer Products and Subpart D for Architectural Coatings.

## Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : No specific data.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Coconut oil diethanolamide	LD50 Dermal	Rabbit	12200 mg/kg	-
	LD50 Oral	Rat	1600 mg/kg	-
d-Limonene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	4400 mg/kg	-
Diethanolamine	LD50 Dermal	Rabbit	12200 mg/kg	-
	LD50 Oral	Rat	710 mg/kg	-

#### Irritation/Corrosion

## Section 11. Toxicological information

Product/ingredient name	Result	Species	Score	Exposure	Observation
Coconut oil diethanolamide	Eyes - Severe irritant	Rabbit	-	100 microliters	-
	Skin - Moderate irritant	Rabbit	-	300 microliters	-
d-Limonene	Skin - Mild irritant	Rabbit	-	24 hours 10 Percent	-
Diethanolamine	Eyes - Severe irritant	Rabbit	-	24 hours 750 Micrograms	-
	Eyes - Severe irritant	Rabbit	-	5500 milligrams	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 milligrams	-
	Skin - Mild irritant	Rabbit	-	50 milligrams	-

### Sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Coconut oil diethanolamide	-	2B	-
d-Limonene	-	3	-
Diethanolamine	-	2B	-

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

Not available.

### Specific target organ toxicity (repeated exposure)

Not available.

### Aspiration hazard

Name	Result
d-Limonene	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure : Not available

### Potential acute health effects

Eye contact : No known significant effects or critical hazards.  
 Inhalation : No known significant effects or critical hazards.  
 Skin contact : May cause an allergic skin reaction.  
 Ingestion : No known significant effects or critical hazards.

## Section 11. Toxicological information

### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: No specific data.
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

Potential immediate effects	: Not available
Potential delayed effects	: Not available

#### Long term exposure

Potential immediate effects	: Not available
Potential delayed effects	: Not available

#### Potential chronic health effects

Not available.

General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	96383.4 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
d-Limonene	Acute EC50 421 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 688 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
Diethanolamine	Acute EC50 12 mg/l Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute LC50 28800 µg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 2150 µg/l Fresh water	Daphnia - Daphnia pulex	48 hours
	Acute LC50 100 µg/l Fresh water	Fish - Pimephales promelas -	96 hours

## Section 12. Ecological information

	Juvenile (Fledgling, Hatchling, Weanling)	
--	---	--

### Persistence and degradability

Not available.

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
d-Limonene	4.38	1022	high
Diethanolamine	-1.43	-	low

### Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	IMDG	IATA
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No.	No.	No.
Additional information	-	-	-

## Section 14. Transport information

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : **United States inventory (TSCA 8b):** All components are listed or exempted.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

### SARA 311/312

**Classification** : Immediate (acute) health hazard  
Delayed (chronic) health hazard

### Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Coconut oil diethanolamide	1 - 5	No.	No.	No.	Yes.	Yes.
d-Limonene	0 - 1	Yes.	No.	No.	Yes.	No.
Diethanolamine	0 - 1	No.	No.	No.	Yes.	Yes.

### State regulations

#### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Coconut oil diethanolamide	Yes.	No.	No.	No.
Diethanolamine	Yes.	No.	No.	No.

### International regulations

**Canada inventory** : All components are listed or exempted.

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

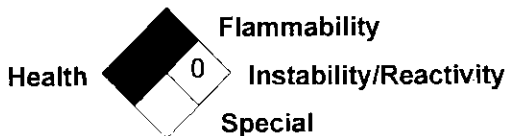
<b>Health</b>	2
<b>Flammability</b>	0
<b>Physical hazards</b>	0

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

## Section 16. Other information

The customer is responsible for determining the PPE code for this material.

### National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

Date of printing : 12/29/2014.

Date of issue/Date of revision : 12/29/2014.

Date of previous issue : No previous validation.

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

References : Not available

▣ Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

# SAFETY DATA SHEET

Date Issued : 07/10/2014

SDS No : C25

## Classic 250

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Classic 250  
**GENERAL USE:** Floor finish  
**PRODUCT DESCRIPTION:** Acrylic Floor Finish  
**PRODUCT CODE:** C25  
**CHEMICAL FAMILY:** Acrylic/wax Blend

#### MANUFACTURER

MISCO Products Corporation  
1048 Stinson Drive  
Reading, PA 19605  
**Emergency Phone:** 610-926-4106  
**Customer Service:** 800-548-4568  
**Transportation:** 800-548-4568

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924  
**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS LABEL

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS).

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P262: Do not get in eyes, on skin, or on clothing.  
P102: Keep out of reach of children.  
P264: Wash hands thoroughly after handling.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

##### Storage:

P404: Store in a closed container.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** White opaque liquid

**IMMEDIATE CONCERNS:** Mild eye irritant.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.

**SKIN:** May be mildly irritating with prolonged or repeated contact.

**SKIN ABSORPTION:** None known.

**INGESTION:** Although of moderate to low toxicity, ingestion of large amounts can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**INHALATION:** None Expected.

#### REPRODUCTIVE TOXICITY

**REPRODUCTIVE EFFECTS:** None known.

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** None known.

**MUTAGENICITY:** None known.

**ROUTES OF ENTRY:** Ingestion, eye

**CANCER STATEMENT:** None

**SENSITIZATION:** No known significant effects or critical hazards.

**WARNING CAUTION LABELS:** None

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Acrylate Copolymer	18 - 23	TS

Oxidized Polyethylene	0 - 5	68441-17-8
Dipropylene glycol monomethyl ether	0 - 5	34590-94-8
Diethylene Glycol Ethyl Ether	0 - 5	111-90-0
Tributoxyethyl Phosphate	0 - 5	78-51-3
Water	65 - 75	7732-18-5

**COMMENTS:** If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** No known significant effects or critical hazards.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Slight discomfort with redness, watering eyes.

**SKIN:** No known significant effects or critical hazards.

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** No known significant effects or critical hazards.

**ACUTE EFFECTS:** None known.

**CHRONIC EFFECTS:** No known significant effects or critical hazards.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** NA = Not Applicable

**EXTINGUISHING MEDIA:** NA = Not Applicable

**FIRE FIGHTING PROCEDURES:** NA = Not Applicable

#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

#### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Keep container closed to prevent drying out.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Dipropylene glycol monomethyl ether	OSHA PEL	TWA	100	600
		ACGIH TLV	TWA	100
		STEL	150	909
Diethylene Glycol Ethyl Ether	Supplier OEL	TWA	25	140

**ENGINEERING CONTROLS:** None

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** NA = Not Applicable

**PROTECTIVE CLOTHING:** NA = Not Applicable



## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid  
**ODOR:** Characteristic.  
**ODOR THRESHOLD:** Not Established  
**COLOR:** White emulsion  
**pH:** 8.5 to 9.5  
**PERCENT VOLATILE:** >80  
**FLASH POINT AND METHOD:** None  
**FLAMMABLE LIMITS:** N/A  
**AUTOIGNITION TEMPERATURE:** NA = Not Applicable  
**VAPOR PRESSURE:** Not Available  
**VAPOR DENSITY:** > 1 Air = 1  
**BOILING POINT:** 212° F; 100° C  
**FREEZING POINT:** 32° F; 0° C  
**MELTING POINT:** Not Available  
**THERMAL DECOMPOSITION:** Not Available  
**SOLUBILITY IN WATER:** dispersable  
**EVAPORATION RATE:** (Water =1) 1.0  
**DENSITY:** 8.65 at (68°F)  
**SPECIFIC GRAVITY:** 1.036 grams/ml.  
**VISCOSITY:** Water thin.  
**(VOC):** 2.3 % by weight

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** No known significant effects or critical hazards.  
**CONDITIONS TO AVOID:** Strong oxidizing materials.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.  
**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Acrylate Copolymer	> 10000 mg/kg (rat)	
Dipropylene glycol monomethyl ether	> 5000 mg/kg (rat)	9510 mg/kg (rabbit)
Diethylene Glycol Ethyl Ether	6031 mg/kg (mouse)	9143 mg/kg (rabbit)
Tributoxyethyl Phosphate	3000 mg/kg (rat)	16 ml/kg (rabbit)

**DERMAL LD<sub>50</sub>:** No known significant effects or critical hazards.  
**INHALATION LC<sub>50</sub>:** No known significant effects or critical hazards.  
**SKIN CORROSION/IRRITATION:** No known significant effects or critical hazards.  
**RESPIRATORY OR SKIN SENSITISATION:** No known significant effects or critical hazards.  
**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.  
**CARCINOGENICITY**  
**IARC:** No listed substance

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No known significant effects or critical hazards.  
**ECOTOXICOLOGICAL INFORMATION:** Not Established  
**AQUATIC TOXICITY (ACUTE):** Not Established

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.  
**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.  
**PRODUCT DISPOSAL:** See above.  
**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.  
**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Liquid floor wax, not regulated.**U.S. CUSTOMS HARMONIZATION NUMBER:** 3209.10.00.00**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Health - Acute**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

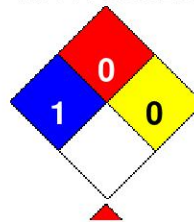
Chemical Name	Wt.%	CAS	Comments
Diethylene Glycol Ethyl Ether	0 - 5	111-90-0	N230 Certain Glycol Ethers

**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** NA = Not Applicable**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** NA = Not Applicable**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Dipropylene glycol monomethyl ether	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

**CARCINOGEN:** No listed substance**16. OTHER INFORMATION****PREPARED BY:** Regulatory Affairs Department**Date Prepared:** 07/10/2014**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>A</b>

**NFPA CODES**

**MANUFACTURER DISCLAIMER:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.

**00059-2069****MATERIAL SAFETY DATA SHEET**

8/10/2012

MANUFACTURER OR DISTRIBUTOR: Rich Art Color Co.  
202 Pegasus Avenue  
P.O. Box 198  
Northvale, New Jersey 07647

INFORMATION TELEPHONE NUMBER: 201-767-0009  
EMERGENCY TELEPHONE NUMBER: 201-264-7542ccl

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: CLEAN COLORS METALLIC WASHABLE PAINT  
PRODUCT SIZES: 2 OZ, 4 OZ, 8 OZ, 16 OZ  
PRODUCT CLASS: TEMPERA (LIQUID)

PRODUCT NUMBER: MP  
BRAND NAME: CLEAN COLORS METALLIC WASHABLE PAINT

**SECTION II - HAZARDOUS INGREDIENTS**

<u>Ingredient</u>	<u>CAS #</u>	<u>PEL/TLV (MG/M<sup>3</sup>)</u>	<u>Max % Weight</u>	<u>NTP</u>	<u>IARC</u>
None					

**SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING POINT: N/A  
VAPOR PRESSURE: N/A  
SPECIFIC VAPOR DENSITY (AIR=1): N/A  
SOLUBILITY IN WATER: N/A  
APPEARANCE AND ODOR:

MELTING POINT: N/A  
SPECIFIC GRAVITY: N/A  
REACTIVITY IN WATER: NON-REACTIVE

**SECTION IV - FIRE AND EXPLOSION INFORMATION**

FLASH POINT (METHOD): N/A  
EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE  
EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED  
FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED  
UNUSUAL FIRE & EXPLOSION HAZARDS: NOT COMBUSTIBLE

AUTOIGNITION TEMPERATURE: N/A

**SECTION V - PHYSICAL HAZARDS/REACTIVITY**

HAZARDOUS POLYMERIZATION PRODUCTS: NONE  
STABILITY: STABLE CONDITIONS TO AVOID: NONE  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

**SECTION VI - HEALTH HAZARD DATA**

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION II FOR COMPONENT PEL/TLVs  
PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: NONE EXPECTED  
EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING: NTP: NO IARC: NOOSHA: NO

COMPANY: Rich Art Color Co.  
PRODUCT: MP  
BRAND NAME: CLEAN COLORS METALLIC WASHABLE PAINT

8/10/2012

SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: NONE

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

### SECTION VII - SPILL OR LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: NO SPECIAL PRECAUTIONS REQUIRED.

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

### SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: NONE REQUIRED

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED

WORK/HYGIENE PRACTICES: NONE REQUIRED

### SECTION IX - ADDITIONAL INFORMATION AND WARNINGS

THIS INFORMATION SHEET IS FOR CONSUMER USE ONLY.  
ADDITIONAL INFORMATION AND WARNINGS: NONE REQUIRED

### SECTION X - COLOR INFORMATION

THIS MSDS APPLIES TO THE FOLLOWING COLORS WHICH ARE ASSOCIATED WITH HAZARDOUS AND/OR NON-HAZARDOUS INGREDIENTS

<u>Product Color</u>	<u>Hazardous Ingredient</u>
MP14 WHITE	(none)
MP42 ORANGE	(none)
MP52 RED	(none)
MP62 BLUE	(none)
MP72 GREEN	(none)
MP81 PINK	(none)
MP88 PURPLE	(none)
MP99 BRIGHT GOLD	(none)
MPCO COPPER	(none)
MPGO GOLD	(none)

COMPANY: Rich Art Color Co.  
PRODUCT: MP  
BRAND NAME: CLEAN COLORS METALLIC WASHABLE PAINT

8/10/2012

**Product Color**  
MPST SILVER

**Hazardous Ingredient**  
(none)

Larry Cook, Ph.D., DABT

8/10/2012



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 01-Apr-2021

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

**Product Name:** CLEAN ON THE GO FOAMY BATH & RESTROOM CLEANER [14]  
**Product Number:** 4815  
**Recommended Use:** Cleaning agent  
**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
[www.spartanchemical.com](http://www.spartanchemical.com)

#### **24 Hour Emergency Phone Numbers:**

**Medical Emergency/Information:** 888-314-6171  
**Transportation/Spill/Leak:** CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

#### **GHS Classification**

Acute Toxicity - Oral: Category 4  
Skin Corrosion/Irritation: Category 2  
Serious Eye Damage/Eye Irritation: Category 1

#### GHS Label Elements

**Signal Word:**

**Danger**

**Symbols:**



**Hazard Statements:**

Harmful if swallowed.  
Causes skin irritation  
Causes serious eye damage

#### Precautionary Statements:

**Prevention:**

Wash hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product  
Wear protective gloves. Wear eye / face protection. Wear protective clothing.

**Response:**

**-Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

**-Skin**

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.

**-Ingestion:**

IF SWALLOWED: Call a poison center or physician if you feel unwell. Rinse mouth.

**-Specific Treatment:**

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

<b>Storage:</b>	Not Applicable
<b>Disposal:</b>	Dispose of contents and container in accordance with local, state and federal regulations.
<b>Hazards Not Otherwise Classified:</b>	Not Applicable
<b>Other Information:</b>	<ul style="list-style-type: none"> <li>• Inhalation of vapors or mist may cause respiratory irritation.</li> <li>• Keep out of reach of children</li> </ul>

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Alkyl C12-16 Dimethylbenzyl Ammonium Chloride	68424-85-1	3-7
Undeceth-3	34398-01-1	1-5
Tetrasodium EDTA	64-02-8	1-5
C9-11 Pareth-6	68439-46-3	1-5
Poly(Oxy-1,2-EthanediyI) a,a-[[[3-(Decyloxy)Propyl]Methyliminio]Di-2,1-EthanediyI]Bis[w-Hydroxy-,Branched,Chlorides	68478-94-4	1-5
Alcohol	64-17-5	1-5
Cocamidopropyl Betaine	61789-40-0	0.1-1
Lauramidopropylamide Oxide	61792-31-2	0.1-1
Myristamidopropylamine Oxide	67806-10-4	0.1-1
Fragrance	PROPRIETARY	0.1-1
Potassium Hydroxide	1310-58-3	0.1-1
Methyldihydrojasmonate	24851-98-7	<0.1
Linalool	78-70-6	<0.1
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	<0.1
Benzyl Salicylate	118-58-1	<0.1
Tetrahydro-Methyl-Methylpropyl)-Pyran-4-OI	63500-71-0	<0.1
Colorant	PROPRIETARY	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

<b>-Eye Contact:</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
<b>-Skin Contact:</b>	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention.
<b>-Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
<b>-Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Note to Physicians:</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
<b>Specific Hazards Arising from the Chemical:</b>	Dried product is capable of burning. Combustion products are toxic.
<b>Hazardous Combustion Products:</b>	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
<b>Protective Equipment and</b>	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full

**Precautions for Firefighters:** protective gear. Cool fire-exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.  
**Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.  
**Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

## 7. HANDLING AND STORAGE

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.  
**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.  
**Suggested Shelf Life:** Minimum of 2 years from date of manufacture.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>
Potassium Hydroxide 1310-58-3	Ceiling: 2 mg/m <sup>3</sup>	(vacated) Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>

**Engineering Controls:** Provide good general ventilation.  
 If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.  
 Eye wash stations and shower facilities should be readily accessible in areas where the product is handled.

**Personal Protective Equipment**

**Eye/Face Protection:** Wear splash goggles.  
**Skin and Body Protection:** Wear rubber or other chemical-resistant gloves.  
**Respiratory Protection:** Not required with expected use.  
 If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

**General Hygiene Considerations:** Wash hands and any exposed skin thoroughly after handling.  
 See 29 CFR 1910.132-138 for further guidance.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b>	Liquid
<b>Color:</b>	Light orange
<b>Odor:</b>	Fresh
<b>pH:</b>	12.0-13.0
<b>Melting Point / Freezing Point:</b>	No information available
<b>Boiling Point / Boiling Range:</b>	100 °C / 212 °F
<b>Flash Point:</b>	> 100 °C / > 212 °F
<b>Evaporation Rate:</b>	< 1 (Butyl acetate = 1)
<b>Flammability (solid, gas)</b>	No information available
<b>Upper Flammability Limit:</b>	No information available
<b>Lower Flammability Limit:</b>	No information available
<b>Vapor Pressure:</b>	No information available
<b>Vapor Density:</b>	No information available
<b>Specific Gravity:</b>	1.013
<b>Solubility(ies):</b>	Soluble in water
<b>Partition Coefficient:</b>	No information available
<b>Autoignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Viscosity:</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This material is considered to be non-reactive under normal conditions of use.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Not expected to occur with normal handling and storage.
<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous Decomposition Products:</b>	May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eyes, Skin, Ingestion, Inhalation.
<b>Symptoms of Exposure:</b>	
<b>-Eye Contact:</b>	Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
<b>-Skin Contact:</b>	Pain, redness and cracking of the skin.
<b>-Inhalation:</b>	Nasal discomfort and coughing.
<b>-Ingestion:</b>	Pain, nausea, vomiting and diarrhea.
<b>Immediate, Delayed, Chronic Effects</b>	
<b>Product Information:</b>	Data not available or insufficient for classification.
<b>Target Organ Effects:</b>	Blood. Central nervous system. -Eyes. Liver. Reproductive System. Respiratory System. -Skin.
<b>Numerical Measures of Toxicity</b>	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	
ATEmix (oral):	1413 mg/kg
ATEmix (dermal):	5024 mg/kg
ATEmix (inhalation-dust/mist):	10850.2 mg/l

### Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	Not Available	Not Available

Alkyl C12-16 Dimethylbenzyl Ammonium Chloride 68424-85-1	= 426 mg/kg ( Rat )	Not Available	Not Available
Tetrasodium EDTA 64-02-8	= 1658 mg/kg ( Rat )	Not Available	Not Available
C9-11 Pareth-6 68439-46-3	= 1400 mg/kg ( Rat )	Not Available	Not Available
Alcohol 64-17-5	= 7060 mg/kg ( Rat )	Not Available	= 124.7 mg/L ( Rat ) 4 h
Cocamidopropyl Betaine 61789-40-0	> 10000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	Not Available
Potassium Hydroxide 1310-58-3	= 284 mg/kg ( Rat )	Not Available	Not Available
Methyldihydrojasmonate 24851-98-7	> 5 g/kg ( Rat )	Not Available	Not Available
Linalool 78-70-6	= 2790 mg/kg ( Rat )	Not Available	Not Available
2,6-Dimethyl-7-Octen-2-ol 18479-58-8	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Benzyl Salicylate 118-58-1	= 2227 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Tetrasodium EDTA 64-02-8	1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static	Not Available	Not Available
Alcohol 64-17-5	Not Available	12.0 - 16.0: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 100: 96 h <i>Pimephales promelas</i> mg/L LC50 static 13400 - 15100: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through	Not Available	9268 - 14221: 48 h <i>Daphnia magna</i> mg/L LC50 2: 48 h <i>Daphnia magna</i> mg/L EC50 Static
Cocamidopropyl Betaine 61789-40-0	1.0 - 10.0: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.55: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	1.0 - 10.0: 96 h <i>Brachydanio rerio</i> mg/L LC50 2: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static	Not Available	6.5: 48 h <i>Daphnia magna</i> mg/L EC50
Linalool 78-70-6	88.3: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50	Not Available	Not Available	20: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Marine Pollutant:** Yes.

**Other Adverse Effects:** No information available

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes:** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

### 14. TRANSPORT INFORMATION

**DOT:** Not Regulated  
**Proper Shipping Name:** Non Hazardous Product  
**Special Provisions:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

**IMDG:**  
**UN/ID No:** UN3082  
**Proper Shipping Name:** Environmental hazardous substance, liquid, n.o.s., (contains quaternary ammonium), Marine Pollutant  
**Hazard Class:** 9  
**Packing Group:** III  
**Marine Pollutant:** Yes.  
**Additional information:** According to IMDG Code 2.10.2.7, marine pollutants packed in single or inner packagings with a capacity of not more than 5 L or 5 kg are excluded from marine pollutant marking requirements.

### 15. REGULATORY INFORMATION

**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)  
All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA 313**  
This product does not contain listed substances above the "de minimus" level

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard:</b>	Yes
<b>Chronic Health Hazard:</b>	No
<b>Fire Hazard:</b>	No
<b>Sudden release of pressure hazard:</b>	No
<b>Reactive Hazard:</b>	No

**California Proposition 65**  
This product is not subject to warning requirements under California Proposition 65.

### 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards:</b> 3	<b>Flammability:</b> 0	<b>Instability:</b> 0	<b>Special:</b> N/A
<b>HMIS</b>	<b>Health Hazards:</b> 3	<b>Flammability:</b> 0	<b>Physical Hazards:</b> 0	

**Revision Date:** 01-Apr-2021  
**Reasons for Revision:** Section, 14

**Disclaimer:**  
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**



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Tel: 845.365.8200 • Fax: 845.365.8201  
Toll-Free: 888.DYNAREX

Reviewed on 9/16/15

## SAFETY DATA SHEET

### SECTION 1. Product and Company Identification

**PRODUCT NAME:** Cleansing Towelette

**PRODUCT USE:** Antiseptic

**Product Code:** 1301

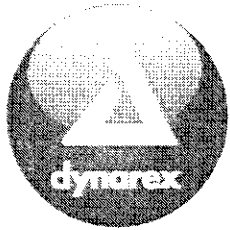
**Manufacturer's Name:** Dynarex Corporation

**Manufacturer's Address:** 10 Glenshaw Street  
Orangeburg, NY 10962

**Emergency or Information Phone No.:** 888-DYNAREX or 845-365-8200  
At other times, contact the local Poison Control Center

### SECTION 2. Hazards Identification

Physical hazards	Not classified
Health hazards	Not classified
• Environmental hazards	Not determined
OHSA defined hazards	Not classified
Label elements	
• Hazard symbol	None
• Signal word	Not available
• Hazard statement	Not available
• Precautionary statement	
○ Prevention	Not available
○ Response	Not available
○ Storage	Not available
○ Disposal	Not available
Hazard(s) not otherwise classified (HNOC)	None known
Supplemental information	None



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### SECTION 3. Composition/information on Ingredients

Ingredients	CAS Number	%
SD Alcohol 40	64-17-5	5
BZK	8001-54-5	0.13
Water	7732-18-5	94.87

### SECTION 4. First-aid measures

#### First aid procedures

#### Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

#### Skin Contact

In case of skin irritation, discontinue use of product.

#### Inhalation

Not a normal route of exposure. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

#### Ingestion

Not a normal route of exposure. Do not induce vomiting, Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

#### Notes to physician

Symptoms may be delayed.

#### General advice

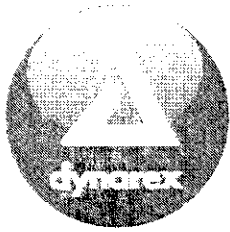
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Keep out of reach of children. Avoid contact with eyes.

#### Flammable Limits:

N/A

#### Flash Point:

N/A



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## SECTION 5. Fire-fighting measures

**Flash Point (Method Used):** 140°F (OC)

**Flammable Limits:** Moderate

**LEL:** N/A

**UEL:** N/A

**Extinguishing Media:** Use carbon dioxide or dry chemical for small fires; Alcohol type foam for large fires.

**Special Fire Fighting Procedures:** Handle as flammable liquid.

**Unusual Fire and Explosion Hazards:** N/A

## SECTION 6. Accidental release measures

- Personal precautions:** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
- Methods for containment:** Prevent entry into waterways, sewers, basements or confined areas.
- Methods for cleaning up:** Pick up and discard towel.

## SECTION 7. Handling and storage

- Handling:** Use good industrial hygiene practices in handling this material.
- Storage:** Keep out of reach of children. Store in a closed container away from incompatible materials.

## SECTION 8. Exposure controls/personal protection

- Engineering controls:** General ventilation normally adequate.
- Personal protective equipment**



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<b>Eye/Face protection</b>	Protective eyewear.
<b>Hand protection</b>	Not required.
<b>Skin and body protection</b>	As required by employer code.
<b>Respiratory protection</b>	If permissible exposure level is exceeded, use NIOSH approved respirator.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink.

## SECTION 9. Physical and chemical properties

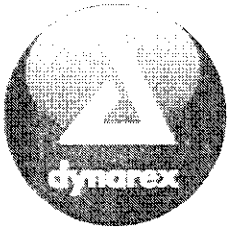
<b>Appearance/Odor:</b>	Liquid saturated on wipe
<b>Color:</b>	Clear liquid
<b>Form:</b>	Liquid saturated on wipe
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not available
<b>Physical State:</b>	Solid
<b>Boiling Point:</b>	<200°F
<b>Paper Components:</b>	100% Virgin Paper
<b>Specific Gravity:</b>	1

## SECTION 10. Stability and reactivity

**Chemical Stability:** Stable under recommended storage conditions.  
**Incompatibility:** Caustics. Acids. Oxidizers.  
**Hazardous Decomposition Products:** May include and are not limited to: oxides of carbon; hydrogen chloride.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to avoid:** Do not mix with other chemicals.

## SECTION 11. Toxicological information

Effects of acute exposure



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<b>Eye</b>	May cause irritation
<b>Skin</b>	In case of skin irritation, discontinue use of the product.
<b>Inhalation</b>	Not a normal route of exposure. May cause respiratory tract irritation.
<b>Ingestion</b>	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.
<b>Sensitization</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Chronic Effects</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Carcinogenicity</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Mutagenicity</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Reproductive Effects</b>	Non-hazardous by WHMIS/OSHA criteria.
<b>Teratogenicity</b>	Non-hazardous by WHMIS/OSHA criteria.

## SECTION 12. Ecological information

**Ecotoxicity** Not available

**Environmental effects** Not available

**Aquatic toxicity** Not available

**Persistence / degradability** Not available

**Bioaccumulation / accumulation** Not available

**Partition coefficient** Not available

**Mobility in environmental media** Not available

**Chemical fate information** Not available

**Other adverse effects** Not available

## SECTION 13. Disposal considerations





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**Waste codes:** Not available

**Disposal instructions:** Discard after single use.

Review federal, state/provincial, and local government requirements prior to disposal.

Discard with solid waste. Dispose in accordance with all applicable regulations.

**Waste from residues / unused products:** Not available

**Contaminated packaging:** Not available

## SECTION 14. Transport information

**U.S. Department of Transportation (DOT)** Not regulated as dangerous goods.

**Transportation of Dangerous Goods (TDG - Canada)** Not regulated as dangerous goods.

## SECTION 15. Regulatory information

**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US Federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**Occupational Safety and Health Administration (OSHA)**  
29 CFR 1910.1200 hazardous No chemical

**CERCLA (Superfund) reportable quantity**

Benzene: 10.0000

Benzene, methyl-: 1000.0000

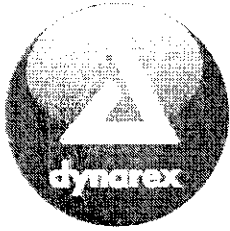
Benzene, (chloromethyl)-: 100.0000

Propylene oxide: 100.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate Hazard - No



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Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** No

**Clean Air Act (CAA)** Not available

**Clean Water Act (CWA)** Not available

**Safe Drinking Water Act (SDWA)** Not available

**Drug Enforcement Agency (DEA)** Not available

**Food and Drug Administration (FDA)** Not available

**State regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

## SECTION 16. Other information

### Disclaimer:

This Safety Data Sheet, which takes into consideration the requirements of Directive 76/768/EC and subsequent amendments and Directive 1999/45/EC plus subsequent amendments, has been prepared in accordance with Directive (EC) 1907/2006. It is believed to be correct and corresponds to the latest scientific/technical knowledge but all data, instructions, recommendations and/or suggestions are made without guarantee. No warranty, expressed or implied, is made and Dynarex Corp. assumes no legal responsibility or liability resulting from its use.

Issuing Date January 5, 2015

Revision Date New

Revision Number 0

## **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

### Product identifier

Product Name Clorox® Disinfecting Wipes, - Fresh Scent

### Other means of identification

EPA Registration Number 5813-79

### Recommended use of the chemical and restrictions on use

Recommended use Moistened disinfecting wipes

Uses advised against No information available

### Details of the supplier of the safety data sheet

#### **Supplier Address**

The Clorox Company  
1221 Broadway  
Oakland, CA 94612

Phone: 1-510-271-7000

### Emergency telephone number

Emergency Phone Numbers For Medical Emergencies call: 1-800-446-1014  
For Transportation Emergencies, call Chemtrec: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

#### Emergency Overview

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Appearance** Clear, colorless liquid absorbed into white, non-woven wipes

**Physical State** Thin liquid absorbed into non-woven wipes

**Odor** Fruity, apple, floral

### Precautionary Statements - Prevention

None

### Precautionary Statements - Response

None

### Precautionary Statements - Storage

None

### Precautionary Statements - Disposal

None

### Hazards not otherwise classified (HNOC)

Not applicable

### Unknown Toxicity

21.5% of the mixture consists of ingredient(s) of unknown toxicity

### Other information

No information available

### Interactions with Other Chemicals

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %	Trade Secret
Ethylene glycol monoethyl ether	112-25-4	1 - 5	*
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	85409-23-0	0.1 - 0.2	*
n-Alkyl (5% C12, 60% C14, 30% C16, 5% C18) dimethyl benzyl ammonium chloride	53516-76-0	0.1 - 0.2	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures**

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. If present, remove contact lenses after the first 5 minutes of rinsing, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
<b>Skin Contact</b>	Rinse skin with plenty of water. If irritation persists, call a doctor.
<b>Inhalation</b>	Move to fresh air. If breathing problems develop, call a doctor.
<b>Ingestion</b>	Drink a glassful of water. Call a doctor or poison control center.

**Most important symptoms and effects, both acute and delayed**

<b>Most Important Symptoms and Effects</b>	Liquid may cause eye irritation.
--	----------------------------------

**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
---------------------------	------------------------

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical****Hazardous Combustion Products**

Oxides of carbon.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions** Avoid contact with eyes.
- Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

- Environmental Precautions** See Section 12 for additional ecological information.

### Methods and material for containment and cleaning up

- Methods for Containment** Prevent further leakage or spillage if safe to do so.
- Methods for Cleaning Up** Containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

- Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.

### Conditions for safe storage, including any incompatibilities

- Storage** Keep containers tightly closed in a dry, cool, and well-ventilated place.
- Incompatible Products** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene glycol monohexyl ether 112-25-4	None	None	None
n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride 85409-23-0	None	None	None
n-Alkyl (5% C12, 60% C14, 30% C16, 5% C18) dimethyl benzyl ammonium chloride 53516-76-0	None	None	None

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

**Appropriate engineering controls**

**Engineering Measures**                      Showers  
     Eyewash stations  
     Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**                      No special protective equipment required.

**Skin and Body Protection**                No special protective equipment required.

**Respiratory Protection**                    No protective equipment is needed under normal use conditions. If irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures**                         Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

<b>Physical State</b>	Thin liquid absorbed into non-woven wipes		
<b>Appearance</b>	Clear liquid absorbed into non-woven wipes	<b>Odor</b>	Fruity, apple, floral
<b>Color</b>	Colorless liquid - white non-woven wipes	<b>Odor Threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/ Method</u></b>
pH	6 - 9 (liquid)	None known
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	~1.0 (liquid)	None known
Water Solubility	Complete (liquid)	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive Properties	Not explosive	
Oxidizing Properties	No data available	

**Other Information**

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

**10. STABILITY AND REACTIVITY****Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known.

**Hazardous Decomposition Products**

None known.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Inhalation</b>	Exposure to vapor or mist may irritate respiratory tract.
<b>Eye Contact</b>	Liquid may cause irritation.
<b>Skin Contact</b>	Liquid may cause slight irritation.
<b>Ingestion</b>	Ingestion of liquid may cause slight irritation to mucous membranes and gastrointestinal tract.

**Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethylene glycol monohexyl ether 112-25-4	739 mg/kg (Rat)	721 mg/kg (Rabbit)	>0.5 mg/L (Rat, 4 h)

**Information on toxicological effects**

**Symptoms** Liquid may cause redness and tearing of eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	None of the ingredients in this product are on the IARC, OSHA, or NTP carcinogen lists.
<b>Reproductive Toxicity</b>	No information available.



<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No known effect based on information supplied.
<b>Target Organ Effects</b>	Respiratory system, eyes, skin, gastrointestinal tract (GI).
<b>Aspiration Hazard</b>	No information available.

#### Numerical measures of toxicity - Product Information

**ATEmix (oral)**  
40.1 g/kg

**ATEmix (dermal)**  
59.8 g/kg

### **12. ECOLOGICAL INFORMATION**

#### Ecotoxicity

No information available.

#### Persistence and Degradability

No information available.

#### Bioaccumulation

No information available.

#### Other adverse effects

No information available.

### **13. DISPOSAL CONSIDERATIONS**

#### Disposal methods

Dispose of in accordance with all applicable federal, state, and local regulations.

#### Contaminated Packaging

Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

### **14. TRANSPORT INFORMATION**

<b>DOT</b>	Not regulated.
<b>TDG</b>	Not regulated.
<b>ICAO</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>IMDG/IMO</b>	Not regulated.

**15. REGULATORY INFORMATION****Chemical Inventories**

**TSCA** All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

**DSL/NDSL** All components are on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No.	Weight %	Threshold Value (%)
Ethylene glycol monoethyl ether	112-25-4	1 - 5	1.0

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This product does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethylene glycol monoethyl ether 112-25-4			X	X	X
Isopropyl alcohol 67-63-0	X	X	X	X	

**International Regulations**

**Canada**

**WHMIS Hazard Class**

D2B Toxic materials



**16. OTHER INFORMATION**

**NFPA** Health Hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards -

**HMIS** Health Hazard 1 Flammability 0 Physical Hazard 0 Personal Protection A

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Preparation/Revision Date** January 5, 2015

**Revision Note** New

**Reference** 1073291/174194.001

**General Disclaimer**

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End of Safety Data Sheet



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 11-Aug-2020

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name:** CLOTHESLINE FRESH LAUNDRY DETERGENT [3]  
**Product Number:** 7003  
**Recommended Use:** Laundry detergent  
**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
[www.spartanchemical.com](http://www.spartanchemical.com)

**24 Hour Emergency Phone Numbers:**

**Medical Emergency/Information:** 888-314-6171  
**Transportation/Spill/Leak:** CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

Serious Eye Damage/Eye Irritation: Category 2B

**GHS Label Elements**

**Signal Word:**

**Warning**

**Symbols:**

No symbols

**Hazard Statements:**

Causes eye irritation.

**Precautionary Statements:**

**Prevention:**

Wash hands and any exposed skin thoroughly after handling.

**Response:**

**-Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**-Specific Treatment:**

**Storage:**

Not Applicable

**Disposal:**

Not Applicable

**Hazards Not Otherwise Classified:** Not Applicable

**Other Information:**

- May be harmful if swallowed.
- May cause skin irritation.
- Keep out of reach of children.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
C9-11 Pareth-6	68439-46-3	7-13

C12-13 Pareth-5	66455-14-9	1-5
Acrylic Copolymer	PROPRIETARY	1-5
Caprylyl/Caryl Glucoside	68515-73-1	1-5
Sodium C10-18 Secondary Akyl Sulfphonate	68037-49-0	0.1-1
Lauryl Glucoside	110615-47-9	0.1-1
Potassium Alkanoate	PROPRIETARY	0.1-1
Benzyl Benzoate	120-51-4	0.1-1
Tetramethyl Acetyloctahydronaphthalenes	54464-57-2	<0.1
Acetyl Hexamethyl Tetralin	1506-02-1	<0.1
2,6-Dimethyl-7-Octen-2-ol	18479-58-8	<0.1
Orange Terpenes	68647-72-3	<0.1
Verdyl Acetate	5413-60-5	<0.1
Butylphenyl Methylpropional	80-54-6	<0.1
Methyl Alpha-Ionone Isomers	1335-46-2	<0.1
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde	68039-49-6	<0.1
Blue Colorant	PROPRIETARY	<0.1
Fragrance	PROPRIETARY	<0.1
Methylchloroisothiazolinone	26172-55-4	<0.1
Methylisothiazolinone	2682-20-4	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

- Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Skin Contact:** Wash with soap and water. If skin irritation occurs: Get medical attention.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
- Note to Physicians:** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
- Specific Hazards Arising from the Chemical:** Dried product is capable of burning. Combustion products are toxic.
- Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
- Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
- Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.
- Methods for Clean-Up:** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

#### 7. HANDLING AND STORAGE

- Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly

**Storage Conditions:** after handling.  
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

**Suggested Shelf Life:** Minimum of 2 years from date of manufacture.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:** None established

**Engineering Controls:** Provide good general ventilation.  
If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

**Personal Protective Equipment**

**Eye/Face Protection:** Not required with expected use.

**Skin and Body Protection:** Not required with expected use.

**Respiratory Protection:** Not required with expected use.  
If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

**General Hygiene Considerations:** Wash hands and any exposed skin thoroughly after handling.  
See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b>	Liquid
<b>Color:</b>	Blue
<b>Odor:</b>	Pleasant
<b>pH:</b>	8.0-9.0
<b>Melting Point / Freezing Point:</b>	No information available.
<b>Boiling Point / Boiling Range:</b>	100 °C / 212 °F
<b>Flash Point:</b>	> 100 °C / > 212 °F ASTM D56
<b>Evaporation Rate:</b>	< 1 (BuAc = 1)
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper Flammability Limit:</b>	No information available.
<b>Lower Flammability Limit:</b>	No information available.
<b>Vapor Pressure:</b>	No information available.
<b>Vapor Density:</b>	No information available.
<b>Specific Gravity:</b>	1.01
<b>Solubility(ies):</b>	Soluble in water
<b>Partition Coefficient:</b>	No information available.
<b>Autoignition Temperature:</b>	No information available.
<b>Decomposition Temperature:</b>	No information available.
<b>Viscosity:</b>	No information available.

## 10. STABILITY AND REACTIVITY

**Reactivity:** This material is considered to be non-reactive under normal conditions of use.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Not expected to occur with normal handling and storage.

**Conditions to Avoid:** Extremes of temperature and direct sunlight.

**Incompatible Materials:** Strong oxidizing agents. Strong acids.

**Hazardous Decomposition Products:** May include carbon monoxide, carbon dioxide (CO<sub>2</sub>) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Eyes, Skin, Ingestion, Inhalation.

**Symptoms of Exposure:**

**-Eye Contact:** Pain, redness and swelling of the conjunctiva.  
**-Skin Contact:** Drying of the skin.  
**-Inhalation:** Nasal discomfort and coughing.  
**-Ingestion:** Pain, nausea, vomiting and diarrhea.

**Immediate, Delayed, Chronic Effects**

Product Information: Data not available or insufficient for classification.

**Numerical Measures of Toxicity**

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 7037 mg/kg  
 ATEmix (dermal): 2938 mg/kg

**Component Acute Toxicity Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg ( Rat )	Not Available	Not Available
C9-11 Pareth-6 68439-46-3	= 1400 mg/kg ( Rat )	Not Available	Not Available
C12-13 Pareth-5 66455-14-9	> 10 g/kg ( Rat )	Not Available	Not Available
Benzyl Benzoate 120-51-4	= 500 mg/kg ( Rat )	= 4000 mg/kg ( Rabbit )	Not Available
2,6-Dimethyl-7-Octen-2-ol 18479-58-8	= 3600 mg/kg ( Rat )	> 5 g/kg ( Rabbit )	Not Available
Butylphenyl Methylpropional 80-54-6	= 1390 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available
Methyl Alpha-Ionone Isomers 1335-46-2	> 5 g/kg ( Rat )	> 5000 mg/kg ( Rabbit )	Not Available
Methylchloroisoithiazolinone 26172-55-4	= 481 mg/kg ( Rat )	Not Available	= 1.23 mg/L ( Rat ) 4 h

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Butylphenyl Methylpropional 80-54-6	Not Available	2.2 - 4.6: 96 h Brachydanio rerio mg/L LC50 static	Not Available	10.7: 48 h Daphnia magna mg/L EC50
Methylchloroisoithiazolinone 26172-55-4	0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	Not Available	4.71: 48 h Daphnia magna mg/L EC50 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal of Wastes:** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT:** Not Regulated  
**Proper Shipping Name:** Non Hazardous Product  
**Special Provisions:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

**IMDG:** Not Regulated  
**Proper Shipping Name:** Non Hazardous Product

## 15. REGULATORY INFORMATION

**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)  
 All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### **SARA 313**

This product does not contain listed substances above the "de minimus" level

### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard:</b>	Yes
<b>Chronic Health Hazard:</b>	No
<b>Fire Hazard:</b>	No
<b>Sudden release of pressure hazard:</b>	No
<b>Reactive Hazard:</b>	No

### **California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards: 1</b>	<b>Flammability: 0</b>	<b>Instability: 0</b>	<b>Special: N/A</b>
<b>HMIS</b>	<b>Health Hazards: 1</b>	<b>Flammability: 0</b>	<b>Physical Hazards: 0</b>	

**Revision Date:** 11-Aug-2020  
**Reasons for Revision:** Section 3 and 11

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**End of Safety Data Sheet**





# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 10-Jun-2020

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name:** CLOTHESLINE FRESH NO DYE-NO FRAGRANCE LAUNDRY DETERGENT [13]

**Product Number:** 7013

**Recommended Use:** Laundry detergent

**Uses Advised Against:** For Industrial and Institutional Use Only

**Manufacturer/Supplier:** Spartan Chemical Company, Inc.  
1110 Spartan Drive  
Maumee, Ohio 43537 USA  
800-537-8990 (Business hours)  
[www.spartanchemical.com](http://www.spartanchemical.com)

**24 Hour Emergency Phone Numbers:**

**Medical Emergency/Information:** 888-314-6171

**Transportation/Spill/Leak:** CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

Serious Eye Damage/Eye Irritation: Category 2B

**GHS Label Elements**

**Signal Word:**

**Warning**

**Symbols:**

No symbols

**Hazard Statements:**

Causes eye irritation.

**Precautionary Statements:**

**Prevention:**

Wash hands and any exposed skin thoroughly after handling.

**Response:**

**-Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**-Specific Treatment:**

**Storage:**

Not Applicable

**Disposal:**

Not Applicable

**Hazards Not Otherwise Classified:** Not Applicable

**Other Information:**

- May be harmful if swallowed.
- May cause skin irritation.
- Keep out of reach of children.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
C9-11 Pareth-6	68439-46-3	7-13
Sodium Lauryl Ether Sulfate	68585-34-2	1-5

C12-13 Pareth-5	66455-14-9	1-5
Caprylyl/Caryl Glucoside	68515-73-1	1-5
Anionic Polymer	PROPRIETARY	1-5
Lauryl Glucoside	110615-47-9	0.1-1
Lactic Acid	79-33-4	<0.1
Benzisothiazolinone	2634-33-5	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

- Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Skin Contact:** Wash with soap and water. If skin irritation occurs: Get medical attention.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
- Note to Physicians:** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
- Specific Hazards Arising from the Chemical:** Dried product is capable of burning. Combustion products are toxic.
- Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
- Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
- Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water.
- Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

#### 7. HANDLING AND STORAGE

- Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
- Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.
- Suggested Shelf Life:** Minimum of 2 years from date of manufacture.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Occupational Exposure Limits:** None established
- Engineering Controls:** Provide good general ventilation.  
If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
- Personal Protective Equipment**  
**Eye/Face Protection:** Not required with expected use.

<b>Skin and Body Protection:</b>	Not required with expected use.
<b>Respiratory Protection:</b>	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
<b>General Hygiene Considerations:</b>	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Mild
<b>pH:</b>	7.0-8.0
<b>Melting Point / Freezing Point:</b>	No information available.
<b>Boiling Point / Boiling Range:</b>	100 °C / 212 °F
<b>Flash Point:</b>	> 100 °C / > 212 °F
<b>Evaporation Rate:</b>	< 1
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper Flammability Limit:</b>	No information available.
<b>Lower Flammability Limit:</b>	No information available.
<b>Vapor Pressure:</b>	No information available.
<b>Vapor Density:</b>	No information available.
<b>Specific Gravity:</b>	1.015
<b>Solubility(ies):</b>	No information available.
<b>Partition Coefficient:</b>	No information available.
<b>Autoignition Temperature:</b>	No information available.
<b>Decomposition Temperature:</b>	No information available.
<b>Viscosity:</b>	No information available.

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This material is considered to be non-reactive under normal conditions of use.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Not expected to occur with normal handling and storage.
<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous Decomposition Products:</b>	May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eyes, Skin, Ingestion, Inhalation.
<b>-Eye Contact:</b>	Pain, redness and swelling of the conjunctiva.
<b>-Skin Contact:</b>	Drying of the skin.
<b>-Inhalation:</b>	Nasal discomfort and coughing.
<b>-Ingestion:</b>	Pain, nausea, vomiting and diarrhea.
<b>Immediate, Delayed, Chronic Effects</b>	
<b>Product Information:</b>	Data not available or insufficient for classification.

### Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral):	9794 mg/kg
ATEmix (dermal):	14439 mg/kg

### Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water	> 90 mL/kg ( Rat )	Not Available	Not Available

7732-18-5			
C9-11 Pareth-6 68439-46-3	= 1400 mg/kg ( Rat )	Not Available	Not Available
C12-13 Pareth-5 66455-14-9	> 10 g/kg ( Rat )	Not Available	Not Available
Lactic Acid 79-33-4	= 3730 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	Not Available
Benzisothiazolinone 2634-33-5	= 1020 mg/kg ( Rat )	Not Available	Not Available

**Carcinogenicity:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Lactic Acid 79-33-4	Not Available	320: 96 h Brachydanio rerio mg/L LC50 semi-static 100 - 180: 96 h Lepomis macrochirus mg/L LC50 static 100 - 180: 96 h Oncorhynchus mykiss mg/L LC50 static	Not Available	240: 48 h Daphnia magna mg/L EC50 180 - 320: 48 h Daphnia magna mg/L EC50 Static

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes:** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT:** Not Regulated  
**Proper Shipping Name:** Non-Hazardous Product  
**Special Provisions:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

**IMDG:** Not Regulated  
**Proper Shipping Name:** Non-Hazardous Products

## 15. REGULATORY INFORMATION

**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### **SARA 313**

This product does not contain listed substances above the "de minimus" level

### **SARA 311/312 Hazard Categories**

<b>Acute Health Hazard:</b>	Yes
<b>Chronic Health Hazard:</b>	No
<b>Fire Hazard:</b>	No
<b>Sudden release of pressure hazard:</b>	No
<b>Reactive Hazard:</b>	No

---

**California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

**16. OTHER INFORMATION**

<u>NFPA</u>	Health Hazards: 1	Flammability: 0	Instability: 0	Special: N/A
<u>HMIS</u>	Health Hazards: 1	Flammability: 0	Physical Hazards: 0	

Revision Date: 10-Jun-2020  
Reasons for Revision: Section, 3

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**End of Safety Data Sheet**



## SAFETY DATA SHEET

### 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name** CLR CALCIUM, LIME & RUST REMOVER

**Restrictions on Use** Incompatible with strong oxidizing agents, metals (except stainless steel, chrome), acids, bases, and bleach.

**Product Use** Aqueous Acidic Cleaner for Removal of Calcium, Lime, and Rust from Hard Surfaces  
Retail Package: (28 fl. oz., 42 fl. oz.)

**Manufacturer:** Jelmar, LLC  
**Address:** 5550 W. Touhy Ave.  
Skokie, IL 60077 USA  
1(847) 675-8400

**Emergency Phone Number:** 1(800) 323-5497 (USA) 8:30 A.M. – 4:30 P.M. CST Monday – Friday  
**Emergency 24 hour Contact:** Chemtrec 1(800) 424-9300

### 2 – HAZARDS IDENTIFICATION

COMPLIES WITH 29CFR 1900.1200 DATED MAY 2012



**WARNING**

ACUTE EYE IRRITATION (Category 2A)  
ACUTE DERMAL IRRITATION (Category 4)

**HAZARD NOT OTHERWISE CLASSIFIED ((HNOC))**

Not applicable

#### **OTHER INFORMATION**

No information available

DO NOT get in eyes, on skin or clothing.

DO NOT mix with bleach or other household chemicals harmful; fumes may result.

DO NOT ingest.

DO NOT breathe vapor or mist. Use in well ventilated areas. Keep container closed when not in use.

**KEEP OUT OF REACH OF CHILDREN**

#### **Hazard statement(s)**

Causes serious eye irritation  
Causes mild skin irritation

#### **Precautionary statement (s)**



## SAFETY DATA SHEET

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice.  
Wear eye protection/face protection.  
Wash skin thoroughly after handling.  
If skin irritation or rash occurs: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water.  
Wear protective gloves.  
Call a POISON CENTER or doctor/physician if you feel unwell.  
Avoid breathing fumes.

### SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA HAZARD</u>	<u>% by Weight</u>
1. Lactic Acid	79-33-4	YES	5.00-18.00
2. Lauramine Oxide	1643-20-5	YES	1.50-7.50

The exact percentages (concentration) of mixture has been withheld as a trade secret in accordance to paragraph (i) of §1910.1200.

### SECTION 4 – FIRST AID MEASURES

**EYE CONTACT:** In case of eye contact, immediately rinse eye thoroughly with plenty of water. Remove contact lenses, and continue rinsing for at least 15 minutes. If irritation persists, get medical attention.

**SKIN CONTACT:** Can be irritating to skin, prolonged contact can be more severe, no adverse effects during normal usage. In case of skin contact, rinse area for at least 15 minutes. Remove contaminated clothing and shoes, wash thoroughly before reuse. If irritation persists get medical attention.

**INHALATION:** Not a significant route of exposure. Remove to fresh air. If breathing is difficult, GET MEDICAL ATTENTION IMMEDIATELY.

**INGESTION:** DO NOT induce vomiting. If fully conscious, drink 16 ounces of water. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER give an unconscious person anything to ingest.

### SECTION 5 – FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Not flammable. Use appropriate media for area. Use water spray, dry chemical, alcohol-resistant foam or carbon dioxide.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide. Thermal decomposition can lead to irritating gases and vapors.

**FIRE FIGHTING METHODS:** Evacuate area of personnel. Wear protective NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers. Run-off of large quantities of product from fire control may cause pollution. Contact appropriate agencies.

**FIRE AND EXPLOSION HAZARDS:** None known.

### SECTION 6 – ACCIDENTAL RELEASES MEASURES

**Steps to be taken in Case Material is Released or Spilled:** Avoid contact with skin and eyes

**Small Spill:** No special clean-up procedure is necessary for small (less than 1 gallon) spills. Flush spill area with water. Wear rubber gloves.

**Large Spill:** Use personal protection recommended in Section 8. Isolate area, and deny entry to unnecessary and unprotected personnel. Dam spill, and absorb with earth, sand or similar material. Place in non-leaking containers. Dispose of collected material according to local, state, and federal regulations. Flush residue with large amount of water. Avoid direct discharge to sewers and surface waters.



## SAFETY DATA SHEET

### SECTION 7- HANDLING AND STORAGE

**HANDLING and STORAGE:** Avoid contact with eyes, skin or clothing. May be harmful or if swallowed. Use with adequate ventilation. Avoid breathing vapors or mist. Do not eat, drink, or smoke in work area. Wash hand thoroughly after use. Consumer size containers (28, 42 fluid ounces and gallon containers) should be rinsed and recycled. Store in cool well-ventilated area, away from heat. Keep containers tightly closed. Avoid contact with combustible materials, wood, and organic materials. Store in original containers in a secure area away from children and pets.

**DO NOT MIX WITH BLEACH, OR ANY OTHER PRODUCTS AS TOXIC FUMES MAY RESULT. KEEP OUT OF REACH OF CHILDREN.**

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES:

COMPONENT	OSHA		ACGIH	
	PEL	STEL/C	TWA	STEL/C
1. Lactic Acid	N.E.	N.E.	N.E.	N.E.
2. Lauramine Oxide	N.E.	N.E.	N.E.	N.E.

**VENTILATION REQUIREMENT:** Avoid prolonged breathing mists or dusts of this product. Use with adequate ventilation. Do not use in closed or confined spaces.

**RESPIRATORY PROTECTION:** None required during normal household use. Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of product.

**EYE PROTECTION:** Not required during normal household usage. Do not wear contact lenses. Emergency responders should wear full eye and face protection.

**SKIN PROTECTION:** Rubber gloves with protective cuff. Emergency responders should wear impermeable gloves.

**OTHER PROTECTION:** Emergency responders should wear chemical type (impermeable) protective clothing and footwear where direct contact with chemicals in this product is possible.

**WORK/HYGIENIC PRACTICES:** Wash thoroughly with soap and water after use or handling.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Crystal clear, lime green liquid	<b>Flammability:</b>	Not Flammable
<b>Odor:</b> Slightly acidic	<b>Upper/Lower Flammability</b>	N.A.
<b>Odor Threshold:</b> N.D.	<b>Vapor Pressure:</b>	N.D.
<b>pH: @20°C</b> 2.10-2.30	<b>Vapor Density (mm Hg):</b>	N.D.
<b>Melting Point:</b> N.D.	<b>Relative Density @20°C:</b>	1.040 – 1.060
<b>Freezing Point:</b> N.D.	<b>Solubility in water:</b>	100%
<b>Boiling Point:</b> 99°C / 210°F	<b>Partition Coefficient;</b>	N.D.
<b>Boiling Point Range:</b> N.A.	n-octanol/water	
<b>Flash Point:</b> None	<b>Auto Ignition Temperature:</b>	N.A.
<b>Evaporation Rate:</b> N.D.	<b>Decomposition Temperature:</b>	N.A.
	<b>Viscosity:</b>	N.D.

### SECTION 10 – STABILITY AND REACTIVITY

**REACTIVITY:** N.A.

**CHEMICAL STABILITY:** Stable under normal storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** N. D.

**CONDITIONS TO AVOID:** Avoid elevated temperatures.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, metals (except stainless steel and chrome), bleach, acids, and bases.





## SAFETY DATA SHEET

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition can lead to release of irritating gases, vapors and carbon oxides. In the event of fire: see Section 5.

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### SECTION 11 – TOXICOLOGICAL INFORMATION

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**Routes of Exposure** Eyes, Skin, Inhalation, Ingestion.

**Eyes** Irritant: avoid eye contact. Effects may vary depending on length of exposure, solution concentration

**Skin** Mild Irritant. Prolonged contact may cause dermatitis, and itching.

**Inhalation** No adverse effects expected under typical use conditions.

**Ingestion** Oral burns, vomiting, and gastrointestinal disturbance.

**LD<sub>50</sub> ACUTE EYE IRRITATION:** GHS Category 2A - Irritant

**LD<sub>50</sub> ACUTE DERMAL IRRITATION - RABBITS:** GHS Category 4 – Mild Skin Irritation.

**LD<sub>50</sub> ACUTE ORAL TOXICITY – RATS:** >5,000 mg/kg

**LD<sub>50</sub> ACUTE DERMAL TOXICITY - RABBITS:** >5,000 mg/kg

**LD<sub>50</sub> ACUTE INHALATION TOXICITY – RATS:** - Not toxic by inhalation.

This product does not contain any substances that are considered carcinogenic by the National Toxicology Program (NTP) Report on Carcinogens and have not been found to be potential carcinogens in the International Agency for Research on Cancer (IARC) Monographs or found to be potential carcinogens by OSHA.

**Reproductive Toxicity:** N.A.

**Specific Target Organ Toxicity** – Single Exposure N.A.

**Specific Organ Toxicity** – Repeated Dose: N. A.

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### SECTION 12- ECOLOGICAL INFORMATION

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**LACTIC ACID:**

**Ecotoxicity**

EC50/48h/Daphnia = 240mg/l LC50/48h/Fish = 320 mg/l

EC50/Algae = 3500 mg/l(neutral) No data available.

**Persistence / degradability**

Readily biodegradable, according to appropriate OECD test.

Biochemical oxygen demand (BOD)<sub>5</sub> = 0.45 mg O<sub>2</sub> /mg

Biochemical oxygen demand (BOD)<sub>20</sub> = 0.60 mg O<sub>2</sub> /mg

Chemical oxygen demand (COD) = 0.90 mg O<sub>2</sub> /mg

**Bioaccumulation**

None.

**GLUCONIC ACID:**

**Ecotoxicity**

Fish 96-h LC50 > 1000.0 mg/L



## SAFETY DATA SHEET

Daphnid 48-h LC<sub>50</sub> > 1000.0 mg/L  
Green algal 96-h EC<sub>50</sub> > 1000.0 mg/L  
Fish Chronic Value (ChV) > 100.0 mg/L  
Daphnid ChV > 100.0 mg/L  
Algal ChV > 100.0 mg/L

### Persistence / degradability

No bioconcentration in aquatic organisms and rapid biodegradation/disappearance in the environment, i.e. 40% in 5 days.

### Bioaccumulation

None.

### LAURAMINE OXIDE:

#### Ecotoxicity

Acute Aquatic Toxicity  
Reviewed Category ≤1 mg/L  
Algae IC<sub>50</sub> 0.01 mg/L  
Invertebrate EC<sub>50</sub> 1.01 mg/L  
Fish LC<sub>50</sub> 2.6 mg/L

#### Persistence / degradability

Biodegradation: % degraded in 28 days ≥60% ThOD/ThCO<sub>2</sub> (≥70% DOC)

### DIPROPYLENE GLYCOL n-Butyl ETYHER:

#### Ecotoxicity

Material is practically non-toxic to aquatic organisms on an acute basis (LC<sub>50</sub>/EC<sub>50</sub>/EL<sub>50</sub>/LL<sub>50</sub> >100 mg/L in the most sensitive species tested).

#### Fish Acute & Prolonged Toxicity

LC<sub>50</sub>, guppy (*Poecilia reticulata*), static, 96 h: 841 mg/l

#### Aquatic Invertebrate Acute Toxicity

LC<sub>50</sub>, water flea *Daphnia magna*, static, 48 h, immobilization: > 1,000 mg/l

#### Movement & Partitioning

Bioconcentration potential is low (BCF less than 100 or log Pow less than 3). Potential for mobility in soil is very high (Koc between 0 and 50).

**Henry's Law Constant (H):** 3.78E-07 atm\*m<sup>3</sup>/mole; 25 °C Estimated.

**Partition coefficient, n-octanol/water (log Pow):** 1.13 Estimated.

**Partition coefficient, soil organic carbon/water (Koc):** 10 - 21 Estimated.

#### Persistence and Degradability

Material is readily biodegradable. Passes OECD test(s) for ready biodegradability. Material is ultimately biodegradable (reaches > 70% mineralization in OECD test(s) for inherent biodegradability).



## SAFETY DATA SHEET

**Indirect Photodegradation with OH Radicals  
Rate Constant Atmospheric Half-life Method**  
4.97E-11 cm<sup>3</sup>/s 2.6 h Estimated.

### OECD Biodegradation Tests:

#### Biodegradation Exposure Time Method

91 % 28 d OECD 301E Test

96 % 28 d OECD 302B Test

**Theoretical Oxygen Demand:** 2.35 mg/mg

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### SECTION 13 – DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Rinse empty containers and recycle. Dispose of unused product in a permitted hazardous waste management facility following all local, state, and federal regulations. Follow label warnings, since containers may retain some residue of the product. Processing, use or contamination of this product may change the waste management options. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. State and local disposal regulations may differ from federal disposal regulations.

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### SECTION 14 - TRANSPORTATION INFORMATION

**UN Number:** N.A.

**UN Proper Shipping Name:** N.A.

**DOT (Department of Transportation Proper Shipping Name):** Not regulated by DOT.

**Packaging Group:** N.A.

**TDG Classification:** Not Regulated

**IMDG Classification:** Not Regulated

**IATA Classification:** Passenger – Not Regulated

**WHIMS (Canada):** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by CPR.

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### SECTION 15 – REGULATORY INFORMATION

#### FEDERAL REGULATIONS:

**TSCA INVENTORY STATUS:** All components of this product are listed on the TSCA Inventory or are exempt from TSCA Inventory requirements.

#### SARA TITLE III SECTION 311/312 CATEGORY:

IMMEDIATE (ACUTE) HEALTH HAZARD:	YES
DELAYED (CHRONIC) HEALTH HAZARD:	NO
FIRE HAZARD:	NO
SUDDEN RELEASE OF PRESSURE:	NO
REACTIVE HAZARD:	NO

**SARA SECTIONS 302/304/313/HAP:** NO

#### INTERNATIONAL CHEMICAL INVENTORY STATUS:

EUROPEAN UNION (EINECS)	YES
JAPAN (METI)	YES
AUSTRALIA (ACIS)	YES



## SAFETY DATA SHEET

KOREA (KECL)	YES
CANADA (DSL)	YES
CANADA (NDSL)	NO
PHILIPPINES	YES

**STATES RIGHT TO KNOW:** California, New Jersey, Pennsylvania, Minnesota, Massachusetts, and Wisconsin. Complies with listed States Right to Know Acts.

The following statement is made in order to comply with the California State Drinking Water Act. California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer and/or to cause birth defects and other reproductive harm.

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### SECTION 16 – OTHER INFORMATION

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**Precautions to be taken in Handling and Storing:** Avoid exposure to excess heat, and prevent from freezing.

**NFPA:** 1, 0, 0. None

**Total VOC (wt. %):** 0% - does not include any CARB applicable exemptions (Volatile Organic Compounds)/California Air Resources board

**CLR CHEMICAL FATE INFORMATION:** 28-day biodegradation. The matter is readily biodegradable. OECD 301D

**Other Precautions:** None required.

<b>SDS ABBREVIATIONS:</b>	N. A.:	Not Applicable
	N. D.:	Not Determined
	N.E.:	Not Established
	C:	Ceiling Limit
	HAP:	Hazardous Air Pollutant
	VOC:	Volatile Organic Compound

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**Revision: GHS Format**

**R. A. Gaudreault**

Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, JELMAR offers no representations as to the completeness or accuracy thereof. Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will JELMAR be responsible for damages of any nature whatsoever resulting from use of or reliance upon said information.

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# Safety Data Sheet

Product: Coleman Camp Fuel

Page: 1 of 6

Issued: 30-June-2014

## SECTION 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

The Coleman Company, Inc.  
3600 N Hydraulic  
Wichita, Kansas 67219  
Phone: 1 800 835 3278 (bus hours)



The Outdoor Company

Chemical Nature: Petroleum Distillates, n.o.s.  
Trade Name: Coleman Camp Fuel  
Product Use: Fuel for lanterns and camp stoves  
Creation Date: 13-August-2012  
Revision Date: 30-June-2014



## SECTION 2 - HAZARD IDENTIFICATION

UN Number: 1268, Petroleum Distillates, n.o.s.  
Classification: Class 3 Flammable Liquid, Category 2  
SUSDP Classification: S6



Hazard: DANGER  
Statements: Highly flammable liquid and vapor.  
Harmful if inhaled.  
Causes skin irritation.  
Causes eye irritation.

Precautionary Statements: Keep out of the reach of children.  
Keep away from heat and ignition sources - No Smoking.  
Keep in a cool place.  
In case of fire, use dry chemical, water fog or foam.  
Use only in well ventilated areas.  
Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.  
In case of insufficient ventilation, wear suitable respiratory equipment.  
Remove to fresh air immediately. Get medical attention immediately.  
Do NOT induce vomiting. Get immediate medical attention.  
Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.  
After contact with skin, take off immediately all contaminated clothing and wash immediately with plenty of soap and water. Get medical attention.  
Avoid run off to waterways and sewers.

## SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical	CAS Number	EC Number	Conc. %	OSHA	Australia	Canada	EU
Light Hydrotreated Distillate	68410-97-9	270-093-2	100%	---	---	---	---
Cyclohexane	110-82-7	203-806-2		300 ppm	100 ppm	100 ppm	200 ppm
Nonane	111-84-2	203-913-4		not set	200 ppm	200 ppm	not set
Octane	111-65-9	203-892-1		500 ppm	300 ppm	300 ppm	not set

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US

## Safety Data Sheet

Product: Coleman Camp Fuel

Page: 2 of 6

Issued: 30-June-2014

Heptane	142-82-5	205-563-8	500 ppm	400 ppm	400 ppm	500 ppm
Pentane	109-66-0	203-692-4	1000 ppm	600 ppm	600 ppm	1000 ppm

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

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### SECTION 4 - FIRST AID MEASURES

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Inhalation	Remove person to fresh air and seek immediate medical assistance. Give oxygen if breathing is difficult, give artificial resuscitation if not breathing.
Eye Contact	Irrigate with water for 15 minutes. Hold eyelids open to ensure adequate flushing. Seek immediate medical assistance.
Ingestion	Do NOT induce vomiting. Seek immediate medical assistance.
Skin Contact	Remove contaminated clothing, jewelry and shoes. Wash skin thoroughly with soap and water. Seek immediate medical assistance.

---

### SECTION 5 - FIRE FIGHTING MEASURES

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May form flammable mixtures with air and flash at room temperature or upon slight application of heat. Vapors are heavier than air and may travel considerable distance. Explosion hazard in confined spaces if exposed to ignition source. Mists or sprays may be flammable below fuel's normal flash point. Keep away from heat or open flame.

Extinguishing Media:	Use Carbon Dioxide, Dry Chemical or Foam extinguishers.
Fire Fighting:	Fire fighters to wear respiratory protection (positive pressure if available). Do not enter enclosed or confined spaces without proper protective equipment. If leak or spill has not ignited, use water spray to disperse vapors. Water, fog and foam may cause frothing and spattering. Water stream may spread fire. Use water to cool containers exposed to flames.

---

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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Use personal safety equipment at all times as detailed in Section 8. Evacuate area and shut off all sources of ignition. Contain spill and keep from entering waterways or sewers. Absorb with inert material. Shovel or sweep spill and place in closed container for disposal. Advise EPA or state agency if required.

---

### SECTION 7 - HANDLING AND STORAGE

---

Handling:	Keep product away from high energy ignition sources, heat, sparks, pilot lights, static electricity and open flame. Avoid contact with skin and inhalation of vapors or mists. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove fuel soaked clothing, shoes and gloves and launder before reuse or discard.
Storage:	Store fuel in a cool area with adequate containment in the event of spills. Check containers periodically for leaks.
Special Precautions:	To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system. Electrical equipment and fittings must comply with local fire prevention regulations for this class of product. <b>EMPTY CONTAINER WARNING:</b> Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER

## Safety Data Sheet

Product: Coleman Camp Fuel

Page: 3 of 6

Issued: 30-June-2014

SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

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### SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

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- Engineering Controls:** Use only in a well ventilated area to keep fuel mists below applicable standards. See Section 3 for exposure limits. Use non-sparking equipment and lighting in areas where explosive vapors may form. Loading, unloading, tank gauging, etc., remain upwind. Keep containers closed when not in use.
- Personal Protection:**
- Eye / Face Protection** Safety glasses, splash goggles or face shield as appropriate. Have suitable eye wash water available.
- Skin Protection** Avoid prolonged and/or repeated skin contact. If prolonged contact cannot be avoided, wear protective gloves (neoprene, nitrile, viton) and clothing. If there is a likelihood of splashing oil resistance clothing should be worn.
- Respiratory Protection** Up to 1000 ppm - half mask organic vapor respirator. Up to 5000 ppm - full face organic vapor respirator or full face supplied air respirator. Greater than 5000 ppm, fire fighting or unknown concentration - self contained breathing apparatus with positive pressure should be used.

**Environmental Controls:** Keep fuel from entering waterways and sewers.

---

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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- Appearance:** Clear, green liquid
- Odor:** Petroleum Naphtha
- Boiling Point:** > 38°C
- Melting Point:** No data available
- Flashpoint:** < -18°C Tag Closed Cup
- Evaporation Rate:** No data available
- Flammability Limits:** No data available
- Flammability Class:** 1B
- Vapor Pressure:** 5.3 psi @ 38°C
- Vapor Density:** 3
- Specific Gravity:** 0.69
- Solubility in Water:** Negligible
- Autoignition**
- Temperature:** No data available

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### SECTION 10 - STABILITY AND REACTIVITY

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- Stability:** Stable under normal conditions of use.
- Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources.

## Safety Data Sheet

Product: Coleman Camp Fuel

Page: 4 of 6

Issued: 30-June-2014

Materials to Avoid: Avoid contact with strong oxidizing agents.

Hazardous Decomposition: Incomplete combustion may produce fumes, smoke, carbon monoxide and other asphyxiants. HAZARDOUS POLYMERIZATION will not occur.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

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Health Effects: Acute

Ingestion Tests on similar materials indicate an order of acute oral toxicity.

Inhalation Acute toxicity expected on inhalation.

Skin Exposure May cause irritation or dermatitis with prolonged and repeated exposure.

Eye Exposure Irritation on contact.

Medical Conditions Aggravated By Overexposure: Dermatitis and sensitive skin.

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA.

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### SECTION 12 - ECOLOGICAL INFORMATION

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If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

This product is rapidly biodegradable. Biodegradation is possible within 90 to 120 days in aerobic environments at temperatures above 21°C.

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### SECTION 13 - DISPOSAL CONSIDERATION

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Dispose of in accordance with all local, state and federal regulations.

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### SECTION 14 - TRANSPORT INFORMATION

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U.S. Department of Transportation (DOT)

Proper Shipping Name: Petroleum Distillates, n.o.s.

UN Number: 1268

Hazard Class 3

Packing Group: II

Marine Pollutant: No

International Maritime Organization (IMDG)

Proper Shipping Name: Petroleum Distillates, n.o.s.

UN Number: 1268

Hazard Class 3

Packing Group: II

Marine Pollutant: No



## Safety Data Sheet

Product: Coleman Camp Fuel

Page: 5 of 6

Issued: 30-June-2014

### Transport of Dangerous Goods by Road (ADR)

Proper Shipping Name: Petroleum Distillates, n.o.s.

UN Number: 1268

Hazard Class 3

Packing Group: II

Marine Pollutant: No

### Transport of Dangerous Goods by Rail (RID)

Proper Shipping Name: Petroleum Distillates, n.o.s.

UN Number: 1268

Hazard Class 3

Packing Group: II

Marine Pollutant: No

### International Air Transport Association (IATA)

Proper Shipping Name: Petroleum Distillates, n.o.s.

UN Number: 1268

Hazard Class 3

Packing Group: II

Marine Pollutant: No

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### SECTION 15 - REGULATORY INFORMATION

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### SECTION 16 - ANY OTHER RELEVANT INFORMATION

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This SDS contains only safety-related information. For other data see product literature.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

#### Manufacturer Disclaimer:

The information contained herein is based upon data available to us and reflects our best professional judgment. However no warranty of merchantability, fitness for any use, or other warranty is expressed or implied regarding the accuracy of such data, the results to be obtained from the use thereof, or that any such use does not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

#### Within the US:

The Coleman Company, Inc.

3600 N Hydraulic

Wichita, Kansas 67219

Phone: 1 800 835 3278 (bus hours)

American Association of Poison Control Centers: 1 800 222 1222

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US

## Safety Data Sheet

Product: Coleman Camp Fuel

Page: 6 of 6

Issued: 30-June-2014

### Within Australia:

Coleman Brands Pty Limited

Suite W2C1, 75-85 O'Riordan St

Sydney Corporate Park, Alexandria, NSW 2015

Phone: 1 800 224 350 (bus hours)

Poisons Information Centre: 13 1126 within Australia, 0800 764 766 in New Zealand

### Within Canada:

Sunbeam Corporation (Canada) Limited

20B Hereford Street

Brampton, Ontario L6Y 0M1

Phone: 1 800 387 6161 (bus hours)

Poison and Drug Information Services: 1 866 454 1212

### Within United Kingdom:

Coleman UK Ltd

Kestrel Court, Harbour Road - Portishead

Bristol, BS20 7AN - England

Phone: 44 (0)1275 845024 (bus hours)

National Poisons Information Service: 0845 4647 in England & Wales, 08454 24 24 24 in Scotland,  
01 809 2166 in Republic of Ireland

### Revisions:

6/30/2014

Added Environmental Control information to Section 8, Marine Pollutant information to Section 14 and  
Campingaz United Kingdom contact information.

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US



# FLINN SCIENTIFIC, INC.

## Safety Data Sheet (SDS)

SDS #: 285.10

Revision Date: March 21, 2014

### SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Copper(II) Sulfate, Anhydrous

Flinn Scientific, Inc. P.O. Box 219, Batavia, IL 60510 (800) 452-1261

CHEMTREC Emergency Phone Number: (800) 424-9300

Signal Word **DANGER**

Pictograms



### SECTION 2 — HAZARDS IDENTIFICATION

Hazard class: Acute toxicity, oral (Category 3). Toxic if swallowed (H301). Do not eat, drink or smoke when using this product (P270).

Hazard class: Skin and serious eye damage, corrosion or irritation (Category 2, 2A). Causes skin and serious eye irritation (H315+H319).

### SECTION 3 — COMPOSITION, INFORMATION ON INGREDIENTS

Component Name	CAS Number	Formula	Formula Weight	Concentration
Copper(II) sulfate, anhydrous	7758-98-7	CuSO <sub>4</sub>	159.61	
Synonym: Cupric sulfate, anhydrous				

### SECTION 4 — FIRST AID MEASURES

Immediately call a POISON CENTER or physician (P310).

**If inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing (P305+P351+P338). **If eye irritation persists:** Get medical advice or attention (P337+P313).

**If on skin:** Rinse cautiously with water for several minutes (P351).

**If swallowed:** Rinse mouth. Immediately call a POISON CENTER or physician (P301+P330+P310).

### SECTION 5 — FIRE FIGHTING MEASURES

Nonflammable, noncombustible solid.

When heated to decomposition, may emit toxic fumes.

**In case of fire:** Use a tri-class dry chemical fire extinguisher.

**NFPA CODE**  
None  
established

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Sweep up the spill, place in a sealed bag or container, and dispose. Ventilate area and wash spill site after material pickup is complete. See Sections 8 and 13 for further information.

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**SECTION 7 — HANDLING AND STORAGE**

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Flinn Suggested Chemical Storage Pattern: Inorganic #2. Store with acetates, halides, sulfates, sulfites, thiosulfates and phosphates. Deliquescent. Store in a cool, dry place within a Flinn Chem-Saf™ bag.

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**SECTION 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION**

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Wear protective gloves, protective clothing, and eye protection (P280). Wash hands thoroughly after handling (P264).

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**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES**

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Off-white powder. Odorless.

Specific gravity: 3.6

Soluble: Water. Practically insoluble in alcohol.

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**SECTION 10 — STABILITY AND REACTIVITY**

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Avoid contact with moisture and finely powdered metals. Will corrode steel.

Shelf life: Poor, deliquescent. See Section 7 for further information.

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**SECTION 11 — TOXICOLOGICAL INFORMATION**

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Acute effects: Toxic, severe eye irritant, and gastrointestinal disturbances.

ORL-RAT LD<sub>50</sub>: 300 mg/kg

IHL-RAT LC<sub>50</sub>: N.A.

Chronic effects: Possible mutagen.

SKN-RBT LD<sub>50</sub>: N.A.

Target organs: Liver, kidneys, and blood.

N.A. = Not available, not all health aspects of this substance have been fully investigated.

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**SECTION 12 — ECOLOGICAL INFORMATION**

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Data not yet available.

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**SECTION 13 — DISPOSAL CONSIDERATIONS**

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Please review all federal, state and local regulations that may apply before proceeding.

Flinn Suggested Disposal Method #26a is one option.

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**SECTION 14 — TRANSPORT INFORMATION**

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Shipping name: Not regulated. Hazard class: N/A. UN number: N/A.

N/A = Not applicable

---

**SECTION 15 — REGULATORY INFORMATION**

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TSCA-listed, EINECS-listed (231-847-6).

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**SECTION 16 — OTHER INFORMATION**

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This Safety Data Sheet (SDS) is for guidance and is based upon information and tests believed to be reliable. Flinn Scientific, Inc. makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages relating thereto. The data is offered solely for your consideration, investigation, and verification. The data should not be confused with local, state, federal or insurance mandates, regulations, or requirements and CONSTITUTE NO WARRANTY. Any use of this data and information must be determined by the science instructor to be in accordance with applicable local, state or federal laws and regulations. The conditions or methods of handling, storage, use and disposal of the product(s) described are beyond the control of Flinn Scientific, Inc. and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT(S).

Consult your copy of the *Flinn Science Catalog/Reference Manual* for additional information about laboratory chemicals.

Revision Date: March 21, 2014

## MATERIAL SAFETY DATA SHEET

Glue Dots International  
5515 South Westridge Drive  
New Berlin, WI 53151  
Phone: (262) 814-8500  
Emergency: (888) 688-7131  
Preparation Date: 05/13/10

### GLUE DOTS® BRAND ADHESIVE PRODUCTS

ADHESIVES COVERED:  
CRAFT GLUE DOTS®  
MINI GLUE DOTS®  
MEMORY BOOK GLUE DOTS®  
POP UP GLUE DOTS®

### SECTION I. Product Identification

#### Product Information

Product Name: Craft Glue Dots®, Mini Glue Dots®, Memory Book Glue Dots®, Pop Up Glue Dots®  
Product Description (product use): Permanent Hot Melt Pressure Sensitive Adhesive

### SECTION II. Composition/Information on Ingredients

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS). Unlisted ingredients are not "hazardous" per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

Chemical/CAS #	Percent	OSHA PEL	ACGIH TLV
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See Section XVI. For additional information

### SECTION III. Hazards Identification

Low hazard for usual industrial or commercial handling.

Human Health Hazards: None

Environmental Hazards: None

Other Hazards: Not classified

Special Notes: Some components are synthetic rubber compounds, which are essentially non-toxic.

This product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens.

Existing Health Conditions Affected by Exposure: No known effect on other illnesses.

### SECTION IV. First Aid Measures

Skin: Burns caused by molten product: Immerse contact area immediately in cold, clean water. Do not attempt to remove set product. Removal could result in severe tissue damage. Cover contact area with clean wet compresses and take subject to physician immediately.

Room temperature skin contact. Wash with soap and water. Get medical attention if symptoms occur.

NOTE TO PHYSICIAN: Material should not be forcibly pulled from the skin. Mineral oil may be used to loosen the material.

Inhalation: Remove subject to fresh air. Call a physician if symptoms persist.

Ingestion: If person can swallow, give one glass of water or milk. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

## **SECTION V. Fire Fighting Measures**

Flash Point: Greater than 450 F

Upper Explosive Limit/Lower Explosive Limit: Not Applicable

Auto-ignition Temperature: Not Applicable

Appropriate Extinguishers: Carbon Dioxide, dry chemical, chemical foam, or water fog. Using a direct, straight water stream may tend to spread a fire.

Special Fire Fighting Procedures: Avoid using direct straight water stream on molten material to reduce splattering and spreading of the fire.

Unusual Fire and Explosion Hazards: None known

Hazardous Combustion Product: Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide.

## **SECTION VI. Accidental Release Measures**

Spill or Leak Procedures: Allow molten material to solidify at room temperature, scrape up and place in a disposable container.

## **SECTION VII. Handling and Storage**

Handling Information

Avoid breathing vapors/fumes of heated product. Prevent contact with molten product.

Storage Information

Consult the Technical Data Sheet (TDS) for specific storage instructions.

## **SECTION VIII. Exposure Controls/Personal Protection**

Eye Protection: Wear safety glasses to reduce potential for eye contact, a face shield is appropriate if splashing of molten product is likely. Have eye washes available where eye contact can occur.

Skin Protection: At elevated temperatures, prevent contact by wearing thermally protective gloves and a long sleeved shirt. Provide a cold water source for burn treatment.

Respiratory Protection: Not normally required. Use NIOSH/MSHA approved respirator if conditions warrant.

Ventilation: Hot melts should be used with good ventilation. At molten temperatures, use of local exhaust over the pre-melting reservoir is encouraged.

**SECTION IX. Physical and Chemical Properties**

Physical state:	Solid
Color:	Characteristic color
Odor:	Neutral
Odor Threshold:	Not established
Weight per Gallon:	8.17 lbs
Specific Gravity:	.95
pH:	Not applicable
Boiling range:	Not applicable (as supplied)
Freezing/Melting point:	Not established
Vapor Pressure:	Not established
Vapor Density:	Not applicable
Evaporation Rate:	Not applicable
Water/Oil partition Coefficient:	Not established
VOC:	Negligible levels of volatile organic compound emissions are expected at ambient temperature and pressure. Low molecular weight hydrocarbons may be emitted at molten temperatures. Emissions data is best developed by monitoring actual plant conditions.

**SECTION X. Stability and Reactivity Data**

Stability: Material containing similar structural groups are normally stable.

Incompatibility: Material reacts with strong oxidizing agents.

Hazardous Polymerization: Will not occur

**SECTION XI. Toxicological Information**

No Data Available

**SECTION XII. Ecological Information**

No Data Available

**SECTION XIII. Disposal Considerations**

To the best of our knowledge this product does not meet the definition of a hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

**SECTION XIV. Transportation Information**

United States Department of Transportation (DOT)

DOT Proper Shipping Name: Not Regulated



In our opinion the information provided herein may be used to transport this product in compliance with Canadian Transportation of Dangerous Goods.

**SECTION XV. Regulatory Information**

Federal

Toxic Substances Control Act (TSCA)

Section 8(b) - Inventory Status

All components of this product are registered under the regulations of the Toxic Substances Control Act.

SARA Title III.

Section 313: This product does not contain regulated levels of any toxic chemical subject to the reporting requirements of section 313 of Title III. Of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372

State Regulations

California Proposition 65: Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

This product does not contain known levels of any chemical known to the State of California to cause cancer or cause reproductive damage.

WHMIS Identification/Other International Regulations

Not regulated

**SECTION XVI. Additional Information**

HMIS Rating

Health-1

Flammability-1

Reactivity-0

See Section VIII: Exposure Controls/Personal Protection for personal protective equipment recommendations.

*The information and recommendations contained herein are believed to be accurate. Because some of the information is derived from information provided to Heartland Adhesives & Coatings from its suppliers, Heartland Adhesives & Coatings makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and Heartland Adhesives & Coatings assumes no responsibility from use or reliance thereon. It is the responsibility of the user of Heartland Adhesive & Coatings products to comply with all applicable federal, state and local laws and regulations.*

# Safety Data Sheet

Material Name: CRAYOLA® AIR DRY CLAY

SDS ID: 00230484

## \*\*\*Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\*

Material Name: CRAYOLA® AIR DRY CLAY

CRAYOLA LLC  
1100 Church Lane  
Easton, PA 18044  
support@crayola.com

Phone: 1-800-272-9652

Health Emergency - Call local Poison Control Center  
Transportation Emergency: 1-800-535-5053

### Synonyms

CAD CLAY; 04-1509; 57-4514; 57-4517; 57-5001; 57-5025; 57-5050; 57-5051; 57-5055; 57-5057; 57-5064

### Product Use

Arts and Crafts

## \*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\*

### EMERGENCY OVERVIEW

Physical Form: clay

Health Hazards: No significant target effects reported.

### POTENTIAL HEALTH EFFECTS

Inhalation: none

Skin Contact: none

Eye Contact: none

Ingestion: none

## \*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\*

CAS	Component	Percent	Symbol(s)	Risk Phrase(s)
Not Available	Product has been certified as non-toxic by the art and creative materials institute, inc. and conforms to astm D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.	100.0	---	---

## \*\*\*Section 4 - FIRST AID MEASURES\*\*\*

### Inhalation

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

### Skin

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

### Eyes

It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

# Safety Data Sheet

Material Name: CRAYOLA® AIR DRY CLAY

SDS ID: 00230484

## Ingestion

Contact local poison control center or physician immediately.

### \*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\*

See Section 9 for Flammability Properties

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## Flammable Properties

Slight fire hazard.

## Extinguishing Media

regular dry chemical, carbon dioxide, water, regular foam

## Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

### \*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

## Occupational spill/release

Collect spilled material in appropriate container for disposal.

### \*\*\*Section 7 - HANDLING AND STORAGE\*\*\*

## Handling Procedures

Use methods to minimize dust.

## Storage Procedures

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

### \*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

## Component Exposure Limits

ACGIH and EU have not developed exposure limits for any of this product's components.

## Ventilation

Based on available information, additional ventilation is not required.

## PERSONAL PROTECTIVE EQUIPMENT

### Eyes/Face

Eye protection not required under normal conditions.

### Protective Clothing

Protective clothing is not required under normal conditions.

### Glove Recommendations

Protective gloves are not required under normal conditions.

### Respiratory Protection

No respirator is required under normal conditions of use.

### \*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\*

# Safety Data Sheet

Material Name: CRAYOLA® AIR DRY CLAY

SDS ID: 00230484

Physical State:	Solid	Appearance:	Not available
Physical Form:	clay	Odor:	Not Available
Odor Threshold:	Not available	Melting Point:	Not available
Boiling Point:	Not applicable	Vapor Pressure:	Not applicable
Vapor Density (air = 1):	Not applicable	Density:	Not available
Specific Gravity (water = 1):	Not available	Water Solubility:	Not available
Coeff. Water/Oil Dist:	Not available		

## \*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\*

### Chemical Stability

Stable at normal temperatures and pressure.

### Conditions to Avoid

None reported.

### Materials to Avoid

oxidizing materials

### Decomposition Products

oxides of carbon

### Possibility of Hazardous Reactions

Will not polymerize.

## \*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\*

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

### RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, or DFG.

### RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

## \*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\*

### Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

## \*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

### Disposal Methods

Dispose in accordance with all applicable regulations.

### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

## \*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*

### US DOT Information

Not regulated as a hazardous material.

# Safety Data Sheet

Material Name: CRAYOLA® AIR DRY CLAY

SDS ID: 00230484

## TDG Information

Not regulated as dangerous goods.

## ADR Information

Not regulated as dangerous goods.

## RID Information

Not regulated as dangerous goods.

## IATA Information

Not regulated as dangerous goods.

## ICAO Information

Not regulated as dangerous goods.

## IMDG Information

Not regulated as dangerous goods.

## \* \* \*Section 15 - REGULATORY INFORMATION\* \* \*

### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

### SARA Section 311/312 (40 CFR 370 Subparts B and C)

**Acute Health:** No **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer.

### Canada

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS Classification:** Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

### EU Marking and Labelling

This material is not classified.

### Component Analysis - Inventory

No information is available.

# Safety Data Sheet

Material Name: CRAYOLA® AIR DRY CLAY

SDS ID: 00230484

## \*\*\*Section 16 - OTHER INFORMATION\*\*\*

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

End of Sheet 00230484

## Safety Data Sheet

**Material Name: CRAYOLA® GLUE STICK**
**SDS ID: BNSSS229**

### \*\*\*Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\*

**Material Name: CRAYOLA® GLUE STICK**

CRAYOLA LLC  
1100 Church Lane  
Easton, PA 18044  
support@crayola.com

Phone: 1-800-272-9652

Health Emergency - Call local Poison Control Center  
Transportation Emergency: 1-800-535-5053

**Synonyms**

CRAYOLA GLUE STICK; PRODUCT CODE(S): 04-1021; 04-1309; 04-1907; 04-2536; 04-5098; 56-1129; 56-1135; 56-1188; 56-1228; 66-1101; 66-1129; 78-1320-0-000; 78-1320-0-001; 78-1360-0-000; 78-1360-0-001; 78-2003-0-000; 80-6884; 81-1335; 81-8111; 94-4201; 99-1257; 99-1258; 99-1259

**Product Use**

Arts and Crafts

### \*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\*

**EMERGENCY OVERVIEW**

**Color:** blue  
**Change in Color:** changes color on exposure to air  
**Physical Form:** solid  
**Odor:** faint odor

**POTENTIAL HEALTH EFFECTS**

**Inhalation:** none  
**Skin Contact:** none  
**Eye Contact:** none  
**Ingestion:** none

### \*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\*

CAS	Component	Percent	Symbol(s)	Risk Phrase(s)
Not Available	Product has been certified as non-toxic by the art and creative materials institute, inc. and conforms to astm D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.	100	---	---

### \*\*\*Section 4 - FIRST AID MEASURES\*\*\*

**Inhalation**

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

## Safety Data Sheet

**Material Name: CRAYOLA® GLUE STICK****SDS ID: BNSSS229****Skin**

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

**Eyes**

It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

**Ingestion**

Contact local poison control center or physician immediately.

**\*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\***

See Section 9 for Flammability Properties

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0****Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe****Flammable Properties**

Slight fire hazard.

**Extinguishing Media**

regular dry chemical, carbon dioxide, water, regular foam

**Fire Fighting Measures**

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

**Thermal Decomposition Products**

**Combustion:** oxides of carbon, oxides of nitrogen

**\*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*****Occupational spill/release**

Collect spilled material in appropriate container for disposal.

**\*\*\*Section 7 - HANDLING AND STORAGE\*\*\*****Handling Procedures**

Use methods to minimize dust.

**Storage Procedures**

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Store with bases. Keep separated from incompatible substances.

**\*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*****Component Exposure Limits**

ACGIH and EU have not developed exposure limits for any of this product's components.

**Ventilation**

Based on available information, additional ventilation is not required.

**PERSONAL PROTECTIVE EQUIPMENT****Eyes/Face**

Eye protection not required under normal conditions.

**Protective Clothing**

Protective clothing is not required under normal conditions.



## Safety Data Sheet

**Material Name:** CRAYOLA® GLUE STICK

**SDS ID:** BNSSS229

### Glove Recommendations

Protective gloves are not required under normal conditions.

### Respiratory Protection

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

## \* \* \*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\* \* \*

<b>Physical State:</b> Solid	<b>Appearance:</b> Not available	
<b>Change in color:</b> changes color on exposure to air	<b>Color:</b> blue	
<b>Physical Form:</b> solid	<b>Odor:</b> faint odor	
<b>Odor Threshold:</b> Not available	<b>pH:</b> 11.5 - 12.5	
<b>Melting Point:</b> Not available	<b>Boiling Point:</b> 100 °C	
<b>Vapor Pressure:</b> Not applicable	<b>Vapor Density (air = 1):</b> Not applicable	
<b>Density:</b> Not available	<b>Specific Gravity (water = 1):</b> Not available	
<b>Water Solubility:</b> Not available	<b>Coeff. Water/Oil Dist:</b> Not available	
<b>Volatility:</b> 63 - 64 %		

## \* \* \*Section 10 - STABILITY AND REACTIVITY\* \* \*

### Chemical Stability

Stable at normal temperatures and pressure.

### Conditions to Avoid

None reported.

### Materials to Avoid

oxidizing materials

### Thermal Decomposition Products

**Combustion:** oxides of carbon, oxides of nitrogen

### Possibility of Hazardous Reactions

Will not polymerize.

## \* \* \*Section 11 - TOXICOLOGICAL INFORMATION\* \* \*

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

### RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, or DFG.

### RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

**Safety Data Sheet****Material Name: CRAYOLA® GLUE STICK****SDS ID: BNSSS229****\*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\*****Component Analysis - Aquatic Toxicity**

No LOEL ecotoxicity data are available for this product's components.

**\*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*****Disposal Methods**

Dispose in accordance with all applicable regulations.

**Component Waste Numbers**

The U.S. EPA has not published waste numbers for this product's components.

**\*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*****US DOT Information**

Not regulated as a hazardous material.

**TDG Information**

Not regulated as dangerous goods.

**ADR Information**

Not regulated as dangerous goods.

**RID Information**

Not regulated as dangerous goods.

**IATA Information**

Not regulated as dangerous goods.

**ICAO Information**

Not regulated as dangerous goods.

**IMDG Information**

Not regulated as dangerous goods.

**\*\*\*Section 15 - REGULATORY INFORMATION\*\*\*****Component Analysis**

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

**SARA Section 311/312 (40 CFR 370 Subparts B and C)****Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No****Component Analysis - State**

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

Not regulated under California Proposition 65

**Canada**

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS Classification:** Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

## Safety Data Sheet

**Material Name: CRAYOLA® GLUE STICK****SDS ID: BNSSS229****Canadian WHMIS Ingredients Disclosure List**

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List and no components were found on the list.

**Component Analysis - Inventory**

No information is available.

**\*\*\*Section 16 - OTHER INFORMATION\*\*\*****Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

End of Sheet BNSSS229

# Safety Data Sheet

Material Name: CRAYOLA® MODEL MAGIC; MORPHIX; FUSION

SDS ID: BNSSS002

## \*\*\*Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\*

Material Name: CRAYOLA® MODEL MAGIC; MORPHIX; FUSION

CRAYOLA LLC  
1100 Church Lane  
Easton, PA 18044  
support@crayola.com

Phone: 1-800-272-9652

Health Emergency - Call local Poison Control Center  
Transportation Emergency: 1-800-535-5053

### Synonyms

CRAYOLA MODEL MAGIC; CRAYOLA MODEL MAGIC (CRAYOLA FLUFF STUFF); CRAYOLA NEON MODEL MAGIC; ART TUB; ART CASE; CRAYOLA MODEL MAGIC BUCKET; MODEL MAGIC PRESTO DOTS; FUSION; MORPHIX; PRODUCT COLORS/CODES: 03-1601; 03-4101; 03-4102; 03-4103; 03-4104; 03-4105; 03-4109; 03-4110; 03-4112; 03-4116; 03-4117; 03-4118; 04-1110; 04-1500; 04-1503; 04-1504; 04-1506; 04-1507; 04-1509; 04-1520; 04-1907; 04-1908; 04-1951; 04-2529;; 04-4106; 04-4107; 04-4108; 04-4115; 04-4401; 04-4600; 04-5358; 04-5692; 04-5719; 23-0017; 23-0025; 23-0219; 23-0220; 23-0792;; 23-2200; 23-2201; 23-2218; 23-2221; 23-2223; 23-2225; 23-2226; 23-2227; 23-2228; 23-2230; 23-2231; 23-2232; 23-2233; 23-2234; 23-2235; 23-2237; 23-2240; 23-2241; 23-2244; 23-2246; 23-2250; 23-2252; 23-2253; 23-2255; 23-2256; 23-2257; 23-2260; 23-2264; 23-2270; 23-2271; 23-2272; 23-2273; 23-2274; 23-2275; 23-2276; 23-2277; 23-2278; 23-2279; 23-2286; 23-2309; 23-2402; 23-2403; 23-2404; 23-2405; 23-2406; 23-2407; 23-2408; 23-2412; 23-2413; 23-2414; 23-2436; 23-2437; 23-2438; 23-2439; 23-2505; 23-2900; 23-3001; 23-3002; 23-3010; 23-3011; 23-3020; 23-3021; 23-3022; 23-3023; 23-3024; 23-3025; 23-3030; 23-3035; 23-3040; 23-3041; 23-3051; 23-3052; 23-3053; 23-3054; 23-3070; 23-3072; 23-3150; 23-3153; 23-3302; 23-3303; 23-3323; 23-3352; 23-4037; 23-4052; 23-4055; 23-4061; 23-4063; 23-4065; 23-4072; 23-4076; 23-4077; 23-4078; 23-4082; 23-4087; 23-6001; 23-6002; 23-6010; 23-6011; 23-6012; 23-6013; 23-6014; 23-6016; 23-6017; 23-6018; 23-3019; 23-6021; 23-6022; 23-6023; 23-6024; 23-6205; 23-6305; 23-6310; 57-2000; 57-4057; 57-4400; 57-4401; 57-4415; 57-4418; 57-4432; 57-4433; 57-4434; 57-4436; 57-4438; 57-4440; 57-4442; 57-4444; 57-4451; 57-4452; 57-4459; 57-4464; 57-4415; 57-4491; 57-4494; 57-4495; 57-4496; 57-4497; 57-4512; 57-4513; 57-6001; 94-4203

### Product Use

Arts and Crafts

## \*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\*

### EMERGENCY OVERVIEW

**Color:** white, various colors  
**Physical Form:** semi-solid gel  
**Odor:** faint odor

### POTENTIAL HEALTH EFFECTS

**Inhalation:** none  
**Skin Contact:** none  
**Eye Contact:** none  
**Ingestion:** none

# Safety Data Sheet

Material Name: CRAYOLA® MODEL MAGIC; MORPHIX; FUSION

SDS ID: BNSSS002

## \*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\*

CAS	Component	Percent	Symbol(s)	Risk Phrase(s)
Not Available	Product has been certified as non-toxic by the art and creative materials institute, inc. and conforms to astm D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.	100	---	---

## \*\*\*Section 4 - FIRST AID MEASURES\*\*\*

### Inhalation

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

### Skin

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

### Eyes

It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

### Ingestion

Contact local poison control center or physician immediately.

## \*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\*

See Section 9 for Flammability Properties

**NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### Flammable Properties

Slight fire hazard.

### Extinguishing Media

regular dry chemical, carbon dioxide, water, regular foam

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

## \*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

### Occupational spill/release

Collect spilled material in appropriate container for disposal.

## \*\*\*Section 7 - HANDLING AND STORAGE\*\*\*

### Handling Procedures

Use methods to minimize dust.

### Storage Procedures

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

# Safety Data Sheet

Material Name: CRAYOLA® MODEL MAGIC; MORPHIX; FUSION

SDS ID: BNSSS002

## \*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

### Component Exposure Limits

ACGIH and EU have not developed exposure limits for any of this product's components.

### Ventilation

Based on available information, additional ventilation is not required.

### PERSONAL PROTECTIVE EQUIPMENT

#### Eyes/Face

Eye protection not required under normal conditions.

#### Protective Clothing

Protective clothing is not required under normal conditions.

#### Glove Recommendations

Protective gloves are not required under normal conditions.

#### Respiratory Protection

No respirator is required under normal conditions of use.

## \*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\*

<b>Physical State:</b> Solid	<b>Appearance:</b> Not available
<b>Color:</b> white, various colors	<b>Physical Form:</b> semi-solid gel
<b>Odor:</b> faint odor	<b>Odor Threshold:</b> Not available
<b>pH:</b> 5.5 - 7.5	<b>Melting Point:</b> Not available
<b>Boiling Point:</b> Not applicable	<b>Vapor Pressure:</b> Not applicable
<b>Vapor Density (air = 1):</b> Not applicable	<b>Density:</b> Not available
<b>Specific Gravity (water = 1):</b> 0.4 - 1.9	<b>Water Solubility:</b> Not available
<b>Coef. Water/Oil Dist:</b> Not available	

## \*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\*

### Chemical Stability

Stable at normal temperatures and pressure.

### Conditions to Avoid

None reported.

### Materials to Avoid

oxidizing materials

### Decomposition Products

oxides of carbon

### Possibility of Hazardous Reactions

Will not polymerize.

## \*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\*

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

# Safety Data Sheet

Material Name: CRAYOLA® MODEL MAGIC; MORPHIX; FUSION

SDS ID: BNSSS002

## RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

## Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, or DFG.

## RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

## \*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\*

### Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

## \*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

### Disposal Methods

Dispose in accordance with all applicable regulations.

### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

## \*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*

### US DOT Information

Not regulated as a hazardous material.

### TDG Information

Not regulated as dangerous goods.

### ADR Information

Not regulated as dangerous goods.

### RID Information

Not regulated as dangerous goods.

### IATA Information

Not regulated as dangerous goods.

### ICAO Information

Not regulated as dangerous goods.

### IMDG Information

Not regulated as dangerous goods.

## \*\*\*Section 15 - REGULATORY INFORMATION\*\*\*

### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

### SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

# Safety Data Sheet

Material Name: CRAYOLA® MODEL MAGIC; MORPHIX; FUSION

SDS ID: BNSSS002

Not regulated under California Proposition 65

## Canada

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS Classification:** Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

## Component Analysis - Inventory

No information is available.

### \* \* \*Section 16 - OTHER INFORMATION\* \* \*

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

End of Sheet BNSSS002



# Safety Data Sheet

Material Name: CRAYOLA® PREMIER & ARTISTA II® TEMPERA PAINTS

SDS ID: BNSSS201

## \*\*\*Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\*

Material Name: CRAYOLA® PREMIER & ARTISTA II® TEMPERA PAINTS

### Manufacturer Information

CRAYOLA LLC  
1100 Church Lane  
Easton, PA 18044  
Mfg Contact: support@crayola.com

Phone: 1-800-272-9652

Emergency # 1-800-535-5053 or call local POISON CONTROL

### Synonyms

CRAYOLA PREMIER & ARTISTA II TEMPERA PAINTS; PRODUCT COLORS/CODES: CRAYOLA PREMIER TEMPERA- 54-1106, 54-1116, 54-1206, 54-1208, 54-1208G, 54-1208S, 54-1216, 54-1216G, 54-1216S, 54-1232, 54-1264,; ARTISTA II TEMPERA- 54-3115, 54-3115F (STANDARD & FLUORESCENT), 54-3128, 54-3132, 54-3164; BLACK, BLUE, BROWN, GOLD (CRAYOLA), GREEN, MAGENTA, ORANGE, PEACH, RED, SILVER (CRAYOLA), TURQUOISE BLUE, VIOLET, WHITE, YELLOW, FLUORESCENT BLUE, FLUORESCENT GREEN, FLUORESCENT PINK, FLUORESCENT RED, FLUORESCENT ORANGE-YELLOW, FLUORESCENT YELLOW, FLUORESCENT MAGENTA, FLUORESCENT ORANGE, FLUORESCENT ORANGE-RED, FLUORESCENT CHARTREUSE; 44-1997-0-042 BLUE; 44-1997-0-044 GREEN; BIG YELLOW BOX FRIENDS ON THE FLY-BUTTERFLIES (78-1240-0-000); FRIENDS ON THE FLY-SEA CREATURES (78-1250-0-000); JUST IN CHIME (78-1280-0-000); 54-3108, 54-3181, 54-3182, 54-3183; 54-8516, 54-8216; CRAYOLA PREMIER BLUE AND GREEN TEMPERA

### Product Use

Arts and Crafts

## \*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\*

### EMERGENCY OVERVIEW

**Color:** various colors

**Physical Form:** liquid

**Odor:** odorless

### POTENTIAL HEALTH EFFECTS

**Inhalation:** none

**Skin Contact:** none

**Eye Contact:** none

**Ingestion:** none

## \*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\*

CAS	Component	Percent	Symbol(s)	Risk Phrase(s)
Not Available	Product has been certified as non-toxic by the art and creative materials institute, inc. and conforms to astm D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.	100	---	---

# Safety Data Sheet

Material Name: CRAYOLA® PREMIER & ARTISTA II® TEMPERA  
PAINTS

SDS ID: BNSSS201

## \*\*\*Section 4 - FIRST AID MEASURES\*\*\*

### Inhalation

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

### Skin

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

### Eyes

It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

### Ingestion

Contact local poison control center or physician immediately.

## \*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\*

See Section 9 for Flammability Properties

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### Flammable Properties

Slight fire hazard.

### Extinguishing Media

regular dry chemical, carbon dioxide, water, regular foam

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

## \*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

### Occupational spill/release

Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

## \*\*\*Section 7 - HANDLING AND STORAGE\*\*\*

### Storage Procedures

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

## \*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

### Component Exposure Limits

ACGIH and EU have not developed exposure limits for any of this product's components.

### Ventilation

Based on available information, additional ventilation is not required.

### PERSONAL PROTECTIVE EQUIPMENT

#### Eyes/Face

Eye protection not required under normal conditions.

#### Protective Clothing

Protective clothing is not required under normal conditions.

## Safety Data Sheet

Material Name: CRAYOLA® PREMIER & ARTISTA II® TEMPERA  
PAINTS

SDS ID: BNSSS201

### Glove Recommendations

Protective gloves are not required under normal conditions.

### Respiratory Protection

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

## \*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\*

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Not available
<b>Color:</b>	various colors	<b>Physical Form:</b>	liquid
<b>Odor:</b>	odorless	<b>Odor Threshold:</b>	Not available
<b>pH:</b>	Not available	<b>Melting Point:</b>	Not available
<b>Boiling Point:</b>	Not available	<b>Flash Point:</b>	No data available
<b>Evaporation Rate:</b>	Not available	<b>Vapor Pressure:</b>	Not available
<b>Vapor Density (air = 1):</b>	Not available	<b>Density:</b>	Not available
<b>Specific Gravity (water = 1):</b>	Not available	<b>Water Solubility:</b>	Not available
<b>Coeff. Water/Oil Dist:</b>	Not available	<b>Viscosity:</b>	Not available
<b>Volatility:</b>	Not available		

## \*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\*

### Chemical Stability

Stable at normal temperatures and pressure.

### Conditions to Avoid

None reported.

### Materials to Avoid

oxidizing materials

### Decomposition Products

oxides of carbon

### Possibility of Hazardous Reactions

Will not polymerize.

## \*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\*

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

### RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, or DFG.

### RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

# Safety Data Sheet

Material Name: CRAYOLA® PREMIER & ARTISTA II® TEMPERA  
PAINTS

SDS ID: BNSSS201

## \*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\*

### Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

## \*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

### Disposal Methods

Dispose in accordance with all applicable regulations.

### Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

## \*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*

### US DOT Information

No Classification assigned.

### TDG Information

No Classification assigned.

### ADR Information

No Classification assigned.

### RID Information

No Classification assigned.

### IATA Information

No Classification assigned.

### ICAO Information

No Classification assigned.

### IMDG Information

No Classification assigned.

## \*\*\*Section 15 - REGULATORY INFORMATION\*\*\*

### U.S. Federal Regulations

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

### SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

### U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Not regulated under California Proposition 65

### Canada

### Component Analysis - Inventory

No information is available.

## Safety Data Sheet

Material Name: CRAYOLA® PREMIER & ARTISTA II® TEMPERA  
PAINTS

SDS ID: BNSSS201

### \*\*\*Section 16 - OTHER INFORMATION\*\*\*

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

End of Sheet BNSSS201

# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE FINGER PAINT

SDS ID: BNSSS074

## \*\*\*Section 1 - PRODUCT AND COMPANY IDENTIFICATION\*\*\*

Material Name: CRAYOLA® WASHABLE FINGER PAINT

CRAYOLA LLC  
1100 Church Lane  
Easton, PA 18044  
support@crayola.com

Phone: 1-800-272-9652

Health Emergency - Call local Poison Control Center  
Transportation Emergency: 1-800-535-5053

### Synonyms

CRAYOLA WASHABLE FINGER PAINT; WASHABLE TUBE PAINT; POSTER & CRAFT PAINT; PRODUCT COLORS: BLACK; BLUE; BROWN; GREEN; ORANGE; RED; VIOLET; WHITE; YELLOW; NEON GREEN; CHARTRUESE; NEON PINK; PRODUCT CODES : 54-4100; 55-0011; 55-0012; 55-0055; 55-1308; 55-1310; 55-1316; 55-1332

### Product Use

Arts and Crafts

## \*\*\*Section 2 - HAZARDS IDENTIFICATION\*\*\*

### EMERGENCY OVERVIEW

Color: various colors

Physical Form: liquid

Odor: odorless

### POTENTIAL HEALTH EFFECTS

Inhalation: none

Skin Contact: none

Eye Contact: none

Ingestion: none

## \*\*\*Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS\*\*\*

CAS	Component	Percent	Symbol(s)	Risk Phrase(s)
Not Available	Product has been certified as non-toxic by the art and creative materials institute, inc. and conforms to astm D-4236 standard practice for labeling art materials for acute and chronic adverse health hazards.	100	---	---

## \*\*\*Section 4 - FIRST AID MEASURES\*\*\*

### Inhalation

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE FINGER PAINT

SDS ID: BNSSS074

## Skin

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

## Eyes

It is unlikely that emergency treatment will be required. Wash with large amounts of water or normal saline until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.

## Ingestion

Contact local poison control center or physician immediately.

### \*\*\*Section 5 - FIRE FIGHTING MEASURES\*\*\*

See Section 9 for Flammability Properties

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## Flammable Properties

Slight fire hazard.

## Extinguishing Media

regular dry chemical, carbon dioxide, water, regular foam

## Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products.

### \*\*\*Section 6 - ACCIDENTAL RELEASE MEASURES\*\*\*

## Occupational spill/release

Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

### \*\*\*Section 7 - HANDLING AND STORAGE\*\*\*

## Storage Procedures

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

### \*\*\*Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION\*\*\*

## Component Exposure Limits

ACGIH and EU have not developed exposure limits for any of this product's components.

## Ventilation

Based on available information, additional ventilation is not required.

## PERSONAL PROTECTIVE EQUIPMENT

### Eyes/Face

Eye protection not required under normal conditions.

### Protective Clothing

Protective clothing is not required under normal conditions.

### Glove Recommendations

Protective gloves are not required under normal conditions.

### Respiratory Protection

No respirator is required under normal conditions of use.

# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE FINGER PAINT

SDS ID: BNSSS074

## \*\*\*Section 9 - PHYSICAL AND CHEMICAL PROPERTIES\*\*\*

<b>Physical State:</b> Liquid	<b>Appearance:</b> Not available
<b>Color:</b> various colors	<b>Physical Form:</b> liquid
<b>Odor:</b> odorless	<b>Odor Threshold:</b> Not available
<b>pH:</b> 8.2 - 8.8	<b>Melting Point:</b> Not available
<b>Boiling Point:</b> >93.3 °C	<b>Flash Point:</b> >93.3 °C
<b>Evaporation Rate:</b> Not available	<b>OSHA Flammability Class:</b> III B
<b>Vapor Pressure:</b> Not available	<b>Vapor Density (air = 1):</b> Not available
<b>Density:</b> Not available	<b>Specific Gravity (water = 1):</b> 0.92 - 1.12
<b>Water Solubility:</b> soluble	<b>Coeff. Water/Oil Dist:</b> Not available
<b>Viscosity:</b> Not available	<b>Volatility:</b> Not available

## \*\*\*Section 10 - STABILITY AND REACTIVITY\*\*\*

### Chemical Stability

Stable at normal temperatures and pressure.

### Conditions to Avoid

None reported.

### Materials to Avoid

oxidizing materials

### Decomposition Products

oxides of carbon

### Possibility of Hazardous Reactions

Will not polymerize.

## \*\*\*Section 11 - TOXICOLOGICAL INFORMATION\*\*\*

### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

### RTECS Acute Toxicity (selected)

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, or DFG.

### RTECS Irritation

The components of this material have been reviewed and RTECS publishes no data as of the date on this document.

## \*\*\*Section 12 - ECOLOGICAL INFORMATION\*\*\*

### Component Analysis - Aquatic Toxicity

No LOLI ecotoxicity data are available for this product's components.

## \*\*\*Section 13 - DISPOSAL CONSIDERATIONS\*\*\*

### Disposal Methods

Dispose in accordance with all applicable regulations.



# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE FINGER PAINT

SDS ID: BNSSS074

## Component Waste Numbers

The U.S. EPA has not published waste numbers for this product's components.

### \*\*\*Section 14 - TRANSPORT INFORMATION\*\*\*

#### US DOT Information

Not regulated as a hazardous material.

#### TDG Information

Not regulated as dangerous goods.

#### ADR Information

Not regulated as dangerous goods.

#### RID Information

Not regulated as dangerous goods.

#### IATA Information

Not regulated as dangerous goods.

#### ICAO Information

Not regulated as dangerous goods.

#### IMDG Information

Not regulated as dangerous goods.

### \*\*\*Section 15 - REGULATORY INFORMATION\*\*\*

#### Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

#### SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

#### Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

Not regulated under California Proposition 65

#### Canada

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**WHMIS Classification:** Not a Controlled Product under Canada's Workplace Hazardous Material Information System.

#### Component Analysis - Inventory

No information is available.

## Safety Data Sheet

Material Name: CRAYOLA® WASHABLE FINGER PAINT

SDS ID: BNSSS074

### \*\*\*Section 16 - OTHER INFORMATION\*\*\*

#### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

End of Sheet BNSSS074

# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE PAINT

SDS ID: CRAY-034

## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

### Material Name

CRAYOLA® WASHABLE PAINT

### Synonyms

CRAYOLA WASHABLE PAINT; CRAYOLA WASHABLE KIDS' PAINT; CRAYOLA WASHABLE FINGER PAINT; CRAYOLA PAINT MAKER; PAINT & CANVAS KIT; PRODUCT CODE(S): ): 03-3238; 03-3239; 03-7958; 04-0321; 04-0462; 04-0479; 04-0135; 04-0526; 04-0529; 04-0572; 04-0583; 04-1026; 04-1027; 04-1028; 04-1028; 04-1029; 04-1041; 04-1052; 04-1078; 04-1907; 04-1951; 04-2532; 04-2549; 04-4501; 04-5222; 04-5401; 04-5553; 04-5558; 04-8205; 04-5222; 04-5719; 04-5777; 04-6010; 04-6104; 04-6016; 04-6936; 44-1205-7; 44-2395; 54-0100; 54-0101; 54-0105; 54-0116; 54-0117; 54-0125; 54-0126; 54-0128; 54-0150; 54-0155; 54-0156; 54-0157; 04-0296; 54-1051; 54-1060; 54-1062; 54-1064; 54-1076; 54-1077; 54-1138; 54-1202; 54-1204; 54-1205; 54-1207; 54-1237; 54-1827; 54-1828; 54-1829; 54-1830; 54-1834; 54-1838; 54-1842; 54-1853; 54-208W; 54-2016; 54-2036; 54-2128; 54-2129; 54-2001; 54-2002; 54-2006; 54-2008; 54-2011; 54-2064; 54-2128; 54-2203; 54-2204; 54-2205; 54-2207; 54-2219; 54-2233; 54-2234; 54-2235; 54-2236; 54-2237; 54-2238; 54-2240; 54-2241; 54-2242; 54-2244; 54-2245; 54-2248; 54-2249; 54-2251; 54-2252; 54-2253; 54-2264; 54-2266; 54-2269; 54-2270; 54-2271; 54-2272; 54-2273; 54-2274; 54-2275; 54-2276; 54-2277; 54-2278; 54-2281; 54-2282; 54-2283; 54-2284; 54-2291; 54-2292; 54-2294; 54-2295; 54-2297; 54-2298; 54-2302; 54-2312; 54-2390; 53-2391; 54-2392; 52-2394; 52-2395; 54-2400; 54-2401; 54-2408; 54-2504; 54-2506; 54-2508; 54-2510; 54-2016; 54-2128; 54-2390; 54-2518; 54-2551; 54-2553; 54-4100; 54-5000; 54-6201; 74-7205; 54-7334; 54-7338; 54-7342; 54-7344; 54-7351; 54-7353; 54-7408; 54-9039; 54-9718; 54-9828; 55-0011; 55-0012; 55-1300; 55-0014; 55-0015; 55-0355; 55-1308; 55-1310; 55-1311; 55-1312; 55-1316; 55-1332; 55-1900; 55-1901; 57-0202; 57-0203; 57-0204; 58-6531; 71-1005; 71-1010; 74-7058; 74-7080; 74-7081; 74-7080; 74-7081; 74-7087; 74-7088; 74-7217; 74-7420; 74-7420; 81-1333; 81-1362; 81-1368; 81-1427; 81-1430; 81-1452; 81-1476; 81-1477; 81-1479; 81-8108; 82-0569

### Product Description

Finished product.

### Product Use

Arts and Crafts

### Restrictions on Use

None known.

### Details of the supplier of the safety data sheet

CRAYOLA LLC

1100 Church Lane

Easton, PA 18044

Phone: 1-800-272-9652

Emergency Phone #: Health Emergency - Call local POISON CONTROL

E-mail: support@crayola.com

## Section 2 - HAZARDS IDENTIFICATION

### Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

None needed according to classification criteria.

### GHS Label Elements

#### Symbol(s)

None needed according to classification criteria.

#### Signal Word

None needed according to classification criteria

#### Hazard Statement(s)

None needed according to classification criteria.

#### Precautionary Statement(s)

# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE PAINT

SDS ID: CRAY-034

## Prevention

None needed according to classification criteria.

## Response

None needed according to classification criteria.

## Storage

None needed according to classification criteria.

## Disposal

Dispose in accordance with all applicable federal, state/regional and local laws and regulations.

## Other Hazards

None known.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
Not available	Product has been certified as nontoxic by the Art & Creative Materials Institute, Inc. and conforms to ASM D 4236 standard practice for labeling art materials for acute and chronic adverse health hazards.	100

## Component Related Regulatory Information

The chemical identity and/or percentage of composition is being withheld as a trade secret.

## Section 4 - FIRST AID MEASURES

### Inhalation

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

### Skin

It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.

### Eyes

It is unlikely that emergency treatment will be required. Flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, get medical advice/attention.

### Ingestion

Call a poison control center or doctor immediately for treatment advice.

## Most Important Symptoms/Effects

### Acute

No information on significant adverse effects.

### Delayed

No information on significant adverse effects.

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

## Section 5 - FIRE FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

carbon dioxide, regular dry chemical, regular foam, Water

# Safety Data Sheet

**Material Name: CRAYOLA® WASHABLE PAINT**

**SDS ID: CRAY-034**

## **Unsuitable Extinguishing Media**

None known.

## **Hazardous Combustion Products**

Oxides of carbon

## **Advice for firefighters**

Slight fire hazard.

## **Fire Fighting Measures**

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

## **Special Protective Equipment and Precautions for Firefighters**

Wear protective clothing and equipment suitable for the surrounding fire.

## **Section 6 - ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

### **Methods and Materials for Containment and Cleaning Up**

Collect spilled material in appropriate container for disposal.

## **Section 7 - HANDLING AND STORAGE**

### **Precautions for Safe Handling**

Wash thoroughly after handling.

### **Conditions for Safe Storage, Including any Incompatibilities**

None needed according to classification criteria.

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

### **Incompatible Materials**

oxidizing materials

## **Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Component Exposure Limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

### **ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)**

There are no biological limit values for any of this product's components.

### **Engineering Controls**

Based on available information, additional ventilation is not required.

### **Individual Protection Measures, such as Personal Protective Equipment**

#### **Eye/face protection**

Eye protection not required under normal conditions.

#### **Skin Protection**

Protective clothing is not required under normal conditions.

#### **Respiratory Protection**

No respirator is required under normal conditions of use. Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

#### **Glove Recommendations**

Protective gloves are not required under normal conditions.

# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE PAINT

SDS ID: CRAY-034

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	multiple colored liquid	<b>Physical State</b>	liquid
<b>Odor</b>	faint odor ,floral odor	<b>Color</b>	multiple
<b>Odor Threshold</b>	Not available	<b>pH</b>	7.1 - 9.4
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	Not available
<b>Boiling Point Range</b>	Not available	<b>Freezing point</b>	Not available
<b>Evaporation Rate</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition Temperature</b>	Not available	<b>Flash Point</b>	Not available
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition temperature</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	Not available
<b>Vapor Density (air=1)</b>	Not available	<b>Specific Gravity (water=1)</b>	Not available
<b>Water Solubility</b>	(Soluble )	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	40 - 80	<b>Kinematic viscosity</b>	Not available
<b>Solubility (Other)</b>	Not available	<b>Density</b>	8.3 - 10.2
<b>Physical Form</b>	Liquid	<b>Molecular Weight</b>	Not available

## Section 10 - STABILITY AND REACTIVITY

### Reactivity

No hazard expected.

### Chemical Stability

Stable at normal temperatures and pressure.

### Possibility of Hazardous Reactions

Will not polymerize.

### Conditions to Avoid

None reported.

### Incompatible Materials

oxidizing materials

### Hazardous decomposition products

Oxides of carbon

# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE PAINT

SDS ID: CRAY-034

## Thermal decomposition products

Oxides of carbon

## Section 11 - TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Inhalation

No information on significant adverse effects.

#### Skin Contact

No information on significant adverse effects.

#### Eye Contact

No information on significant adverse effects.

#### Ingestion

No information on significant adverse effects.

### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and no selected endpoints have been identified.

### Product Toxicity Data

#### Acute Toxicity Estimate

No data available.

#### Immediate Effects

None

#### Delayed Effects

None

#### Irritation/Corrosivity Data

None

#### Respiratory Sensitization

No information available for the product.

#### Dermal Sensitization

No information available for the product.

#### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA.

#### Germ Cell Mutagenicity

No information available for the product.

#### Tumorigenic Data

No data available

#### Reproductive Toxicity

No information available for the product.

#### Specific Target Organ Toxicity - Single Exposure

No target organs identified.

#### Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

#### Aspiration hazard

no data available.

# Safety Data Sheet

**Material Name: CRAYOLA® WASHABLE PAINT**

**SDS ID: CRAY-034**

## **Medical Conditions Aggravated by Exposure**

No data available.

## **Section 12 - ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No information available for the product.

### **Component Analysis - Aquatic Toxicity**

No LOLI ecotoxicity data are available for this product's components.

### **Persistence and Degradability**

No information available for the product.

### **Bioaccumulative Potential**

No information available for the product.

### **Mobility**

No information available for the product.

## **Section 13 - DISPOSAL CONSIDERATIONS**

### **Disposal Methods**

Dispose in accordance with all applicable federal, state/regional and local laws and regulations. Recycle if possible.

### **Component Waste Numbers**

The U.S. EPA has not published waste numbers for this product's components.

## **Section 14 - TRANSPORT INFORMATION**

### **US DOT Information:**

UN/NA #: Not regulated

### **IATA Information:**

UN#: Not regulated

### **ICAO Information:**

UN#: Not regulated

### **IMDG Information:**

UN#: Not regulated

### **International Bulk Chemical Code**

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

## **Section 15 - REGULATORY INFORMATION**

### **U.S. Federal Regulations**

None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

### **SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories**

No hazard categories applicable.

### **U.S. State Regulations**

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

### **California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)**

Not listed under California Proposition 65.



# Safety Data Sheet

Material Name: CRAYOLA® WASHABLE PAINT

SDS ID: CRAY-034

## Component Analysis - Inventory

### U.S. Inventory (TSCA)

All of the components of this product are listed on the TSCA Inventory.

## Section 16 - OTHER INFORMATION

### NFPA Ratings

Health: 1 Fire: 1 Instability: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### Summary of Changes

07/06/2020 - Update to Section(s) 1.

### Revision date

Updated: 8/11/2020

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL), KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; KR REACH CCA - Korea Registration and Evaluation of Chemical Substances Chemical Control Act; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne - Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL - Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TH-TECI - Thailand - FDA Existing Chemicals Inventory (TECI); TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

### Other Information

#### Disclaimer:

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental,

# Safety Data Sheet

**Material Name: CRAYOLA® WASHABLE PAINT**

**SDS ID: CRAY-034**

consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.

## **SAFETY DATA SHEET**

### **CRYSTALTEX GLAZES (LEAD FREE – COPPER) – CTL SERIES (2)**

Mfg. American Art & Clay Co.

SDS's for the following Glazes:

CTL 12 MARDI GRAS

CTL 20 ROYAL TURQUOISE

CTL 22 MILKY WAY

CTL 26 SEA MIST

CTL 34 GRANADA

CTL 35 NUTMEG

## SAFETY DATA SHEET

### CTL 12 MARDI GRAS

#### 1. Identification

##### Product identifier

**Product name** CTL 12 MARDI GRAS

**Product number** CTL 12 MARDI GRAS

##### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

##### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Not Classified

##### Label elements

**Hazard statements** NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

**General information** --

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

##### Most important symptoms and effects, both acute and delayed

**Inhalation** Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 12 MARDI GRAS

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 12 MARDI GRAS

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 12 MARDI GRAS

**Other information** Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 12 MARDI GRAS

### Other adverse effects

Other adverse effects           None known.

### 13. Disposal considerations

#### Waste treatment methods

##### **General information**

Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

##### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

##### **UN Number**

Not applicable.

##### **UN proper shipping name**

Not applicable.

##### **Transport hazard class(es)**

No transport warning sign required.

##### **Packing group**

Not applicable.

##### **Environmental hazards**

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

##### **Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**   Not applicable.

### 15. Regulatory information

#### **International Regulations**

##### **US State Regulations**

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%



## CTL 12 MARDI GRAS

*2-aminoethanol*

<1%

### **Rhode Island "Right To Know" List**

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Minnesota "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **New Jersey "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

#### **US - TSCA**

All the ingredients are listed or exempt.

**CTL 12 MARDI GRAS****US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4983

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 20 ROYAL TURQUOISE

#### 1. Identification

##### Product identifier

Product name CTL 20 ROYAL TURQUOISE

Product number CTL 20 ROYAL TURQUOISE

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H302

Environmental hazards Not Classified

##### Label elements

##### Pictogram



Signal word Warning

Hazard statements H302 Harmful if swallowed.

Precautionary statements P264 Wash contaminated skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P301+P310 If swallowed: Immediately call a poison center/ doctor.  
P330 Rinse mouth.  
P501 Dispose of contents/ container in accordance with national regulations.

Supplemental label information WARNING: MAY BE HARMFUL IF SWALLOWED. Contains: COPPER. PRECAUTIONS: Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. NOT FOR SPRAY APPLICATION. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT: If swallowed get prompt medical attention. For further information, contact a national poison control number; 800-222-1222.

##### Other hazards

none present

## CTL 20 ROYAL TURQUOISE

### 3. Composition/information on ingredients

#### Mixtures

<b>copper carb</b>	<b>1-5%</b>
CAS number: 7492-68-4	

#### Classification

Skin Irrit. 2 - H315  
 Eye Irrit. 2A - H319  
 STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

**Composition comments**      Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

### 4. First-aid measures

#### Description of first aid measures

##### General information

--

##### Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

##### Skin Contact

Wash skin thoroughly with soap and water.

##### Eye contact

Rinse with water.

#### Most important symptoms and effects, both acute and delayed

##### Inhalation

Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

##### Ingestion

Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.

##### Skin contact

Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.

##### Eye contact

Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

#### Indication of immediate medical attention and special treatment needed

##### Notes for the doctor

Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media**      Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

##### Specific hazards

The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters**      Use protective equipment appropriate for surrounding materials.

## CTL 20 ROYAL TURQUOISE

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

**Appearance** Colored liquid.

**Color** Various colors.

**CTL 20 ROYAL TURQUOISE**

<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none
<b>Other information</b>	Not applicable.

**10. Stability and reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Acute toxicity - oral**

**ATE oral (mg/kg)** 500.0

## CTL 20 ROYAL TURQUOISE

### Skin corrosion/irritation

### Skin sensitization

### **Skin sensitization**

Based on available data the classification criteria are not met.

### **Eye contact**

May cause temporary eye irritation.

## 12. Ecological Information

### **Ecotoxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

### Toxicity

### **Toxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

### Persistence and degradability

### **Persistence and degradability**

No data available.

### **Biodegradation**

Not inherently biodegradable.

### Bioaccumulative potential

### **Partition coefficient**

No information available.

### Mobility in soil

### **Mobility**

Semi-mobile.

### Results of PBT and vPvB assessment

### **Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

### Other adverse effects

### **Other adverse effects**

None known.

## 13. Disposal considerations

### Waste treatment methods

### **General information**

Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

## 14. Transport Information

### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

### UN Number

Not applicable.

### UN proper shipping name

Not applicable.

### Transport hazard class(es)

No transport warning sign required.

## CTL 20 ROYAL TURQUOISE

### Packing group

Not applicable.

### Environmental hazards

#### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory Information

### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*silica*

5-10%

*Hydrated Aluminium Silicate*

5-10%

*2-aminoethanol*

<1%

##### **Rhode Island "Right To Know" List**

*silica*

5-10%

*Hydrated Aluminium Silicate*

5-10%

*2-aminoethanol*

<1%

##### **Minnesota "Right To Know" List**

*silica*

5-10%

*Hydrated Aluminium Silicate*

5-10%

*2-aminoethanol*

<1%

##### **New Jersey "Right To Know" List**

*silica*

5-10%



**CTL 20 ROYAL TURQUOISE***Hydrated Aluminium Silicate*

5-10%

*2-aminoethanol*

&lt;1%

**Pennsylvania "Right To Know" List***silica*

5-10%

*Hydrated Aluminium Silicate*

5-10%

*2-aminoethanol*

&lt;1%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	4
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4985
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 22 MILKY WAY

#### 1. Identification

##### Product identifier

**Product name** CTL 22 MILKY WAY

**Product number** CTL 22 MILKY WAY

##### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

##### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

##### Label elements

**Hazard statements** NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

**General information** --

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

##### Most important symptoms and effects, both acute and delayed

# CTL 22 MILKY WAY

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

**Indication of immediate medical attention and special treatment needed**

**Notes for the doctor**            Treat symptomatically.

**5. Fire-fighting measures**

**Extinguishing media**

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

**Special hazards arising from the substance or mixture**

**Specific hazards**                    The product is not believed to present a hazard due to its physical nature.

**Advice for firefighters**

**Special protective equipment for firefighters**    Use protective equipment appropriate for surrounding materials.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**            For personal protection, see Section 8.

**Environmental precautions**

**Environmental precautions**    Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Methods and material for containment and cleaning up**

**Methods for cleaning up**            Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections**        For waste disposal, see Section 13. For personal protection, see Section 8.

**7. Handling and storage**

**Precautions for safe handling**

**Usage precautions**                    Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

**Conditions for safe storage, including any incompatibilities**

**Storage precautions**                    Store in tightly-closed, original container in a dry and cool place.

**Specific end uses(s)**

**Specific end use(s)**                    The identified uses for this product are detailed in Section 1.2.

## CTL 22 MILKY WAY

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none

**CTL 22 MILKY WAY**

<b>Oxidizing properties</b>	none
<b>Other information</b>	Not applicable.

**10. Stability and reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Skin corrosion/irritation****Skin sensitization**

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information**

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient** No information available.

**Mobility in soil**

**Mobility** Semi-mobile.

**Results of PBT and vPvB assessment**

## CTL 22 MILKY WAY

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**International Regulations**

**US State Regulations**

**California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

**Massachusetts "Right To Know" List**

*2-aminoethanol*

<1%

*Hydrated Aluminium Silicate*

1-5%

**CTL 22 MILKY WAY****Rhode Island "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Minnesota "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**New Jersey "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Pennsylvania "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4986

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 26 SEA MIST

#### 1. Identification

##### Product identifier

**Product name** CTL 26 SEA MIST  
**Product number** CTL 26 SEA MIST

##### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

##### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
 6060 Guion Road  
 Indianapolis,  
 IN 46254-1222  
 USA  
 Toll Free: 1-800-925-5195 ext. 1303  
 Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified  
**Health hazards** Acute Tox. 4 - H302  
**Environmental hazards** Not Classified

##### Label elements

##### Pictogram



**Signal word** Warning

**Hazard statements** H302 Harmful if swallowed.

**Precautionary statements** P264 Wash contaminated skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P301+P310 If swallowed: Immediately call a poison center/ doctor.  
 P330 Rinse mouth.  
 P501 Dispose of contents/ container in accordance with national regulations.

##### Supplemental label information

WARNING: MAY BE HARMFUL IF SWALLOWED. Contains: COPPER. PRECAUTIONS: Keep in original container. Wash hands immediately after use. When using do not eat, drink or smoke. NOT FOR SPRAY APPLICATION. NOT FOR USE IN HEALTH CARE FACILITIES. KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT: If swallowed get prompt medical attention. For further information, contact a national poison control number; 800-222-1222.

##### Other hazards

none present



## CTL 26 SEA MIST

### 3. Composition/information on ingredients

#### Mixtures

<b>copper carb</b>	<b>1-5%</b>
--------------------	-------------

CAS number: 7492-68-4

#### Classification

Skin Irrit. 2 - H315  
 Eye Irrit. 2A - H319  
 STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

**Composition comments**      Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

### 4. First-aid measures

#### Description of first aid measures

##### General information

--

##### Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

##### Skin Contact

Wash skin thoroughly with soap and water.

##### Eye contact

Rinse with water.

#### Most important symptoms and effects, both acute and delayed

##### Inhalation

Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

##### Ingestion

Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.

##### Skin contact

Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.

##### Eye contact

Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

#### Indication of immediate medical attention and special treatment needed

##### Notes for the doctor

Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media**      Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

##### Specific hazards

The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters**      Use protective equipment appropriate for surrounding materials.

## CTL 26 SEA MIST

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

**Appearance** Colored liquid.

**Color** Various colors.

**CTL 26 SEA MIST**

<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none
<b>Other information</b>	Not applicable.

**10. Stability and reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

**11. Toxicological information****Information on toxicological effects**

<b>Toxicological effects</b>	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
<b>Acute toxicity - oral</b>	
<b>ATE oral (mg/kg)</b>	500.0

## CTL 26 SEA MIST

### Skin corrosion/irritation

### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

### **Eye contact**

May cause temporary eye irritation.

## 12. Ecological Information

### **Ecotoxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

### Toxicity

### **Toxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

### Persistence and degradability

**Persistence and degradability** No data available.

### **Biodegradation**

Not inherently biodegradable.

### Bioaccumulative potential

**Partition coefficient** No information available.

### Mobility in soil

**Mobility** Semi-mobile.

### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

### **General information**

Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

## 14. Transport information

### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

### UN Number

Not applicable.

### UN proper shipping name

Not applicable.

### Transport hazard class(es)

No transport warning sign required.

## CTL 26 SEA MIST

### Packing group

Not applicable.

### Environmental hazards

#### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

### Special precautions for user

Not applicable.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## 15. Regulatory information

### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*silica*

<1%

##### **Rhode Island "Right To Know" List**

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*silica*

<1%

##### **Minnesota "Right To Know" List**

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*silica*

<1%

##### **New Jersey "Right To Know" List**

*Hydrated Aluminium Silicate*

1-5%

**CTL 26 SEA MIST***2-aminoethanol*

&lt;1%

*silica*

&lt;1%

**Pennsylvania "Right To Know" List***Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

&lt;1%

*silica*

&lt;1%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other Information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	4
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4988
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 34 GRANADA

#### 1. Identification

##### Product identifier

Product name                    CTL 34 GRANADA

Product number                CTL 34 GRANADA

##### Recommended use of the chemical and restrictions on use

Application                    ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier                        American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone        1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards              Not Classified

Health hazards                Not Classified

Environmental hazards      Not Classified

##### Label elements

Hazard statements            NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

copper carb	<1%
CAS number: 7492-68-4	

##### Classification

Skin Irrit. 2 - H315  
Eye Irrit. 2A - H319  
STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

Composition comments      Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

## CTL 34 GRANADA

<b>General information</b>	--
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
<b>Skin Contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Rinse with water.

### **Most important symptoms and effects, both acute and delayed**

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### **Indication of immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	Treat symptomatically.
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### **5. Fire-fighting measures**

#### **Extinguishing media**

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
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#### **Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	The product is not believed to present a hazard due to its physical nature.
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#### **Advice for firefighters**

<b>Special protective equipment for firefighters</b>	Use protective equipment appropriate for surrounding materials.
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### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	For personal protection, see Section 8.
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#### **Environmental precautions**

<b>Environmental precautions</b>	Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.
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#### **Methods and material for containment and cleaning up**

<b>Methods for cleaning up</b>	Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material
--------------------------------	---

<b>Reference to other sections</b>	For waste disposal, see Section 13. For personal protection, see Section 8.
------------------------------------	---

### **7. Handling and storage**

#### **Precautions for safe handling**



## CTL 34 GRANADA

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## 8. Exposure Controls/personal protection

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0

**CTL 34 GRANADA**

<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none
<b>Other information</b>	Not applicable.

**10. Stability and reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Skin corrosion/irritation****Skin sensitization**

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information**

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

**Persistence and degradability** No data available.

**CTL 34 GRANADA**

**Biodegradation** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient** No information available.

**Mobility in soil**

**Mobility** Semi-mobile.

**Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

**Other adverse effects** None known.

**13. Disposal considerations****Waste treatment methods**

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

**14. Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards****Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**15. Regulatory information****International Regulations****US State Regulations**

## CTL 34 GRANADA

### California Proposition 65 Carcinogens and Reproductive Toxins

Known to the State of California to cause developmental and reproductive toxicity.

*lithium carb*

1-5%

### Massachusetts "Right To Know" List

*Rutile*

1-5%

*silica*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*lithium carb*

1-5%

*2-aminoethanol*

<1%

### Rhode Island "Right To Know" List

*Rutile*

1-5%

*silica*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

### Minnesota "Right To Know" List

*Rutile*

1-5%

*silica*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

### New Jersey "Right To Know" List

*Rutile*

1-5%

*silica*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*lithium carb*

1-5%

**CTL 34 GRANADA***2-aminoethanol*

&lt;1%

**Pennsylvania "Right To Know" List***Rutile*

1-5%

*silica*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

&lt;1%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	11/16/2016
<b>Revision</b>	4
<b>Supersedes date</b>	7/28/2016
<b>SDS No.</b>	4993
<b>Hazard statements in full</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 35 NUTMEG

#### 1. Identification

##### Product identifier

Product name CTL 35 NUTMEG

Product number CTL 35 NUTMEG

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

##### Most important symptoms and effects, both acute and delayed

## CTL 35 NUTMEG

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### **Indication of immediate medical attention and special treatment needed**

**Notes for the doctor** Treat symptomatically.

### **5. Fire-fighting measures**

#### **Extinguishing media**

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### **Special hazards arising from the substance or mixture**

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### **Advice for firefighters**

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions** For personal protection, see Section 8.

#### **Environmental precautions**

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### **Methods and material for containment and cleaning up**

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### **7. Handling and storage**

#### **Precautions for safe handling**

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### **Conditions for safe storage, including any incompatibilities**

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### **Specific end uses(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## CTL 35 NUTMEG

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none



## CTL 35 NUTMEG

<b>Oxidizing properties</b>	none
<b>Other information</b>	Not applicable.

### 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

## CTL 35 NUTMEG

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

## 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

### UN Number

Not applicable.

### UN proper shipping name

Not applicable.

### Transport hazard class(es)

No transport warning sign required.

### Packing group

Not applicable.

### Environmental hazards

#### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*Hydrous Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

**CTL 35 NUTMEG**

*red iron oxide*

1-5%

**Rhode Island "Right To Know" List**

*Hydrous Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*red iron oxide*

1-5%

**Minnesota "Right To Know" List**

*Hydrous Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*red iron oxide*

1-5%

**New Jersey "Right To Know" List**

*Hydrous Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*red iron oxide*

1-5%

*manganese dioxide*

<1%

**Pennsylvania "Right To Know" List**

*Hydrous Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*red iron oxide*

1-5%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

## CTL 35 NUTMEG

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4994

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## **SAFETY DATA SHEET**

### **CRYSTALTEX GLAZES (LEAD FREE) – CTL SERIES (1)**

Mfg. American Art & Clay Co.

SDS's for the following Glazes:

CTL 1 JET MOSS

CTL 3 LAVA

CTL 9 SNAP DRAGON

CTL 10 PEPPERMINT ICE

CTL 11 SNOW FIRE

CTL 15 MOON SCAPE

CTL 31 BROWN EARTH

CTL 32 CHOCOLATE CHIP

CTL 36 GINGER BREAD

CTL 41 MELON

CTL 42 FANTASIA

CTL 43 AURORA

CTL 61 BUTTERCUP

## SAFETY DATA SHEET

### CTL 1 JET MOSS

#### 1. Identification

##### Product identifier

Product name CTL 1 JET MOSS

Product number CTL 1 JET MOSS

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

##### General information

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**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

##### Most important symptoms and effects, both acute and delayed

## CTL 1 JET MOSS

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## CTL 1 JET MOSS

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none



**CTL 1 JET MOSS**

**Oxidizing properties** none

**Other information** Not applicable.

**10. Stability and reactivity**

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Skin corrosion/irritation****Skin sensitization**

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information**

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient** No information available.

**Mobility in soil**

**Mobility** Semi-mobile.

**Results of PBT and vPvB assessment**

## CTL 1 JET MOSS

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport Information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**International Regulations**

**US State Regulations**

**California Proposition 65 Carcinogens and Reproductive Toxins**  
None of the ingredients are listed or exempt.

**California Directors List of Hazardous Substances**

*2-aminoethanol*  
<1%

**Massachusetts "Right To Know" List**

## CTL 1 JET MOSS

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*silica*

1-5%

### **Rhode Island "Right To Know" List**

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*silica*

1-5%

### **Minnesota "Right To Know" List**

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*silica*

1-5%

### **New Jersey "Right To Know" List**

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*silica*

1-5%

### **Pennsylvania "Right To Know" List**

*Hydrated Aluminium Silicate*

*2-aminoethanol*

*silica*

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

#### **US - TSCA**

All the ingredients are listed or exempt.

#### **US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

<b>16. Other information</b>
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## CTL 1 JET MOSS

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4980

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## SAFETY DATA SHEET

### CTL 3 LAVA

#### 1. Identification

##### Product identifier

Product name CTL 3 LAVA

Product number CTL 3 LAVA

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

##### Most important symptoms and effects, both acute and delayed

Inhalation Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 3 LAVA

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 3 LAVA

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 3 LAVA

**Other information** Not applicable.

### 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.



## CTL 3 LAVA

### Other adverse effects

Other adverse effects None known.

### 13. Disposal considerations

#### Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

#### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

## CTL 3 LAVA

*Hydrated Aluminium Silicate*

1-5%

### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **Minnesota "Right To Know" List**

*zinc oxide*

*2-aminoethanol*

*aluminium oxide*

*Hydrated Aluminium Silicate*

### **New Jersey "Right To Know" List**

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

#### **US - TSCA**

All the ingredients are listed or exempt.

#### **US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**CTL 3 LAVA****16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4989

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 9 SNAP DRAGON

#### 1. Identification

##### Product identifier

Product name CTL 9 SNAP DRAGON

Product number CTL 9 SNAP DRAGON

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

##### General information

--

##### Ingestion

Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

##### Skin Contact

Wash skin thoroughly with soap and water.

##### Eye contact

Rinse with water.

##### Most important symptoms and effects, both acute and delayed

##### Inhalation

Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 9 SNAP DRAGON

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**            Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards**                The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters**    Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions**            For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions**    Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up**        Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections**    For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions**                Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions**            Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)**                The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 9 SNAP DRAGON

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 9 SNAP DRAGON

**Other information** Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 9 SNAP DRAGON

### Other adverse effects

Other adverse effects          None known.

### 13. Disposal considerations

#### Waste treatment methods

**General information**          Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General**                          The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**          Not applicable.

### 15. Regulatory information

#### International Regulations

#### US State Regulations

**California Proposition 65 Carcinogens and Reproductive Toxins**  
None of the ingredients are listed or exempt.

#### **Massachusetts "Right To Know" List**

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%



## CTL 9 SNAP DRAGON

*2-aminoethanol*

<1%

### **Rhode Island "Right To Know" List**

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

### **Minnesota "Right To Know" List**

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

### **New Jersey "Right To Know" List**

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

### **Pennsylvania "Right To Know" List**

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

### **Inventories**

#### **Canada - DSL/NDL**

All the ingredients are listed or exempt.

**CTL 9 SNAP DRAGON****US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	5015

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 10 PEPPERMINT ICE

#### 1. Identification

##### Product identifier

Product name CTL 10 PEPPERMINT ICE

Product number CTL 10 PEPPERMINT ICE

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

##### Most important symptoms and effects, both acute and delayed

Inhalation Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 10 PEPPERMINT ICE

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 10 PEPPERMINT ICE

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 10 PEPPERMINT ICE

**Other information** Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

##### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 10 PEPPERMINT ICE

### Other adverse effects

Other adverse effects           None known.

### 13. Disposal considerations

#### Waste treatment methods

**General information**           Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General**                         The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**   Not applicable.

### 15. Regulatory information

#### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

###### *Hydrated Aluminium Silicate*

5-10%

###### *silica*

1-5%

###### *zinc oxide*

1-5%

# CTL 10 PEPPERMINT ICE

*2-aminoethanol*

<1%

### Rhode Island "Right To Know" List

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

### Minnesota "Right To Know" List

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

### Pennsylvania "Right To Know" List

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*zinc oxide*

1-5%

*2-aminoethanol*

<1%

### Inventories

#### Canada - DSL/NDSL

All the ingredients are listed or exempt.

#### US - TSCA

All the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

<b>16. Other information</b>
------------------------------

**General information**

The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water  
7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate  
13983-17-0  
Various Pigments

**Revision date**

7/28/2016



**CTL 10 PEPPERMINT ICE**

<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4981

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## SAFETY DATA SHEET

### CTL 11 SNOW FIRE

#### 1. Identification

##### Product identifier

Product name CTL 11 SNOW FIRE

Product number CTL 11 SNOW FIRE

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

##### Most important symptoms and effects, both acute and delayed

Inhalation Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 11 SNOW FIRE

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**                      Treat symptomatically.

### **5. Fire-fighting measures**

#### Extinguishing media

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards**                      The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters**    Use protective equipment appropriate for surrounding materials.

### **6. Accidental release measures**

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions**            Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up**                Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections**            For waste disposal, see Section 13. For personal protection, see Section 8.

### **7. Handling and storage**

#### Precautions for safe handling

**Usage precautions**                      Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions**                      Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)**                      The identified uses for this product are detailed in Section 1.2.

### **8. Exposure Controls/personal protection**

## CTL 11 SNOW FIRE

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 11 SNOW FIRE

**Other information** Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

##### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 11 SNOW FIRE

### Other adverse effects

Other adverse effects           None known.

### 13. Disposal considerations

#### Waste treatment methods

**General information**           Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General**                         The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

**Transport in bulk according to**   Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

### 15. Regulatory Information

#### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

## CTL 11 SNOW FIRE

*2-aminoethanol*

<1%

### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Minnesota "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **New Jersey "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

## CTL 11 SNOW FIRE

### US - TSCA

All the ingredients are listed or exempt.

### US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

### 16. Other information

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4982

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



## SAFETY DATA SHEET

### CTL 15 MOON SCAPE

#### 1. Identification

##### Product identifier

Product name CTL 15 MOON SCAPE

Product number CTL 15 MOON SCAPE

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) Identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

##### Most important symptoms and effects, both acute and delayed

## CTL 15 MOON SCAPE

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### **Indication of immediate medical attention and special treatment needed**

**Notes for the doctor**                      Treat symptomatically.

### **5. Fire-fighting measures**

#### **Extinguishing media**

**Suitable extinguishing media**      Use fire-extinguishing media suitable for the surrounding fire.

#### **Special hazards arising from the substance or mixture**

**Specific hazards**                      The product is not believed to present a hazard due to its physical nature.

#### **Advice for firefighters**

**Special protective equipment for firefighters**      Use protective equipment appropriate for surrounding materials.

### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions**                      For personal protection, see Section 8.

#### **Environmental precautions**

**Environmental precautions**              Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### **Methods and material for containment and cleaning up**

**Methods for cleaning up**                      Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections**              For waste disposal, see Section 13. For personal protection, see Section 8.

### **7. Handling and storage**

#### **Precautions for safe handling**

**Usage precautions**                      Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### **Conditions for safe storage, including any incompatibilities**

**Storage precautions**                      Store in tightly-closed, original container in a dry and cool place.

#### **Specific end uses(s)**

**Specific end use(s)**                      The identified uses for this product are detailed in Section 1.2.

## CTL 15 MOON SCAPE

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none

## CTL 15 MOON SCAPE

**Oxidizing properties** none

**Other information** Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

# CTL 15 MOON SCAPE

**Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

**Other adverse effects**

None known.

**13. Disposal considerations**

**Waste treatment methods**

**General information**

Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

**14. Transport information**

**General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**15. Regulatory information**

**International Regulations**

**US State Regulations**

**California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

**Massachusetts "Right To Know" List**

*2-aminoethanol*

<1%

*Hydrated Aluminium Silicate*

1-5%

**CTL 15 MOON SCAPE****Rhode Island "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Minnesota "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**New Jersey "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Pennsylvania "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4984

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 31 BROWN EARTH

#### 1. Identification

##### Product identifier

**Product name** CTL 31 BROWN EARTH  
**Product number** CTL 31 BROWN EARTH

##### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

##### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified  
**Health hazards** Not Classified

##### Label elements

**Hazard statements** NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

##### General information

--

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

##### Most important symptoms and effects, both acute and delayed

**Inhalation** Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 31 BROWN EARTH

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection



## CTL 31 BROWN EARTH

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 31 BROWN EARTH

Other information Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/Irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 31 BROWN EARTH

### Other adverse effects

Other adverse effects           None known.

### 13. Disposal considerations

#### Waste treatment methods

**General information**           Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General**                           The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**   Not applicable.

### 15. Regulatory information

#### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*zinc oxide*

1-5%

*red iron oxide*

<1%

*2-aminoethanol*

<1%

## CTL 31 BROWN EARTH

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*red iron oxide*

<1%

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **Minnesota "Right To Know" List**

*zinc oxide*

1-5%

*red iron oxide*

<1%

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **New Jersey "Right To Know" List**

*zinc oxide*

1-5%

*red iron oxide*

<1%

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*red iron oxide*

<1%

## CTL 31 BROWN EARTH

*2-aminoethanol*

<1%

*aluminium oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

#### **US - TSCA**

All the ingredients are listed or exempt.

#### **US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

### **16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4991

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET CTL 32 CHOCOLATE CHIP

### 1. Identification

#### Product identifier

**Product name** CTL 32 CHOCOLATE CHIP

**Product number** CTL 32 CHOCOLATE CHIP

#### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

#### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

#### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Not Classified

#### Label elements

**Hazard statements** NC Not Classified

#### Other hazards

none present

### 3. Composition/information on ingredients

#### Mixtures

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

### 4. First-aid measures

#### Description of first aid measures

**General information** --

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

#### Most important symptoms and effects, both acute and delayed

**Inhalation** Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 32 CHOCOLATE CHIP

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 32 CHOCOLATE CHIP

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none



## CTL 32 CHOCOLATE CHIP

Other information Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**CTL 32 CHOCOLATE CHIP****Other adverse effects**

Other adverse effects      None known.

**13. Disposal considerations****Waste treatment methods****General information**      Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.**14. Transport information****General**      The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards****Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**      Not applicable.**15. Regulatory Information****International Regulations****US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

Known to the State of California to cause developmental and reproductive toxicity.

*lithium carb*

5-10%

**Massachusetts "Right To Know" List***zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

## CTL 32 CHOCOLATE CHIP

*Rutile*

5-10%

*lithium carb*

5-10%

*2-aminoethanol*

<1%

### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*Rutile*

5-10%

*2-aminoethanol*

<1%

### **Minnesota "Right To Know" List**

*zinc oxide*

*Hydrated Aluminium Silicate*

*Rutile*

*2-aminoethanol*

### **New Jersey "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*Rutile*

5-10%

*lithium carb*

5-10%

*2-aminoethanol*

<1%

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*Rutile*

5-10%

*2-aminoethanol*

<1%

### **Inventories**

**CTL 32 CHOCOLATE CHIP****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	11/16/2016
<b>Revision</b>	4
<b>Supersedes date</b>	7/28/2016
<b>SDS No.</b>	4992

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 36 GINGER BREAD

#### 1. Identification

##### Product identifier

Product name CTL 36 GINGER BREAD

Product number CTL 36 GINGER BREAD

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

##### Most important symptoms and effects, both acute and delayed

## CTL 36 GINGER BREAD

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### **Indication of immediate medical attention and special treatment needed**

**Notes for the doctor**            Treat symptomatically.

### **5. Fire-fighting measures**

#### **Extinguishing media**

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

#### **Special hazards arising from the substance or mixture**

**Specific hazards**                The product is not believed to present a hazard due to its physical nature.

#### **Advice for firefighters**

**Special protective equipment for firefighters**    Use protective equipment appropriate for surrounding materials.

### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions**            For personal protection, see Section 8.

#### **Environmental precautions**

**Environmental precautions**    Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### **Methods and material for containment and cleaning up**

**Methods for cleaning up**        Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections**    For waste disposal, see Section 13. For personal protection, see Section 8.

### **7. Handling and storage**

#### **Precautions for safe handling**

**Usage precautions**                Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### **Conditions for safe storage, including any incompatibilities**

**Storage precautions**            Store in tightly-closed, original container in a dry and cool place.

#### **Specific end uses(s)**

**Specific end use(s)**                The identified uses for this product are detailed in Section 1.2.

## CTL 36 GINGER BREAD

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none

**CTL 36 GINGER BREAD**

**Oxidizing properties** none

**Other information** Not applicable.

**10. Stability and reactivity**

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Skin corrosion/irritation****Skin sensitization**

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information**

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient** No information available.

**Mobility in soil**

**Mobility** Semi-mobile.

**Results of PBT and vPvB assessment**



## CTL 36 GINGER BREAD

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**International Regulations**

**US State Regulations**

**California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

**Massachusetts "Right To Know" List**

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

## CTL 36 GINGER BREAD

*Hydrous Aluminium Silicate*

1-5%

### Rhode Island "Right To Know" List

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

*Hydrous Aluminium Silicate*

1-5%

### Minnesota "Right To Know" List

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

*Hydrous Aluminium Silicate*

1-5%

### New Jersey "Right To Know" List

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

*Hydrous Aluminium Silicate*

1-5%

*manganese dioxide*

<1%

### Pennsylvania "Right To Know" List

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

*Hydrous Aluminium Silicate*

1-5%

### Inventories

#### Canada - DSL/NDSL

All the ingredients are listed or exempt.

#### US - TSCA

All the ingredients are listed or exempt.

#### US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

<b>16. Other Information</b>
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## CTL 36 GINGER BREAD

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4995

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 41 MELON

#### 1. Identification

##### Product identifier

**Product name** CTL 41 MELON

**Product number** CTL 41 MELON

##### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

##### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Not Classified

##### Label elements

**Hazard statements** NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

**General information** --

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

##### Most important symptoms and effects, both acute and delayed

**Inhalation** Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 41 MELON

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 41 MELON

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 41 MELON

Other information Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 41 MELON

### Other adverse effects

Other adverse effects None known.

### 13. Disposal considerations

#### Waste treatment methods

##### **General information**

Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

#### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

### 15. Regulatory information

#### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*silica*

1-5%

*2-aminoethanol*

<1%

*Hydrated Aluminium Silicate*

5-10%



## CTL 41 MELON

*zinc oxide*

1-5%

### **Rhode Island "Right To Know" List**

*silica*

1-5%

*2-aminoethanol*

<1%

*Hydrated Aluminium Silicate*

5-10%

*zinc oxide*

1-5%

### **Minnesota "Right To Know" List**

*silica*

1-5%

*2-aminoethanol*

<1%

*Hydrated Aluminium Silicate*

5-10%

*zinc oxide*

1-5%

### **New Jersey "Right To Know" List**

*silica*

1-5%

*2-aminoethanol*

<1%

*Hydrated Aluminium Silicate*

5-10%

*zinc oxide*

1-5%

### **Pennsylvania "Right To Know" List**

*silica*

1-5%

*2-aminoethanol*

<1%

*Hydrated Aluminium Silicate*

5-10%

*zinc oxide*

1-5%

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**CTL 41 MELON****US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	4999

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 42 FANTASIA

#### 1. Identification

##### Product identifier

Product name CTL 42 FANTASIA

Product number CTL 42 FANTASIA

##### Recommended use of the chemical and restrictions on use

Application ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

##### Label elements

Hazard statements NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

##### Most important symptoms and effects, both acute and delayed

## CTL 42 FANTASIA

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## CTL 42 FANTASIA

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none

**CTL 42 FANTASIA**

<b>Oxidizing properties</b>	none
<b>Other information</b>	Not applicable.

**10. Stability and reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	No particular stability concerns.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	None known.
<b>Materials to avoid</b>	None known.
<b>Hazardous decomposition products</b>	None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Skin corrosion/irritation****Skin sensitization**

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information**

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient** No information available.

**Mobility in soil**

**Mobility** Semi-mobile.

**Results of PBT and vPvB assessment**

## CTL 42 FANTASIA

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**International Regulations**

**US State Regulations**

**California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

**Massachusetts "Right To Know" List**

*Hydrated Aluminium Silicate*

10-30%

*red iron oxide*

1-5%

## CTL 42 FANTASIA

*2-aminoethanol*

<1%

*silica*

5-10%

### **Rhode Island "Right To Know" List**

*Hydrated Aluminium Silicate*

10-30%

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

*silica*

5-10%

### **Minnesota "Right To Know" List**

*Hydrated Aluminium Silicate*

*red iron oxide*

*2-aminoethanol*

*silica*

### **New Jersey "Right To Know" List**

*Hydrated Aluminium Silicate*

10-30%

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

*silica*

5-10%

### **Pennsylvania "Right To Know" List**

*Hydrated Aluminium Silicate*

10-30%

*red iron oxide*

1-5%

*2-aminoethanol*

<1%

*silica*

5-10%

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

#### **US - TSCA**

All the ingredients are listed or exempt.



## CTL 42 FANTASIA

### US - TSCA 12(b) Export Notification

All the ingredients are listed or exempt.

#### 16. Other information

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	5000

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET

### CTL 43 AURORA

#### 1. Identification

##### Product identifier

Product name                    CTL 43 AURORA

Product number                CTL 43 AURORA

##### Recommended use of the chemical and restrictions on use

Application                    ceramic glaze

##### Details of the supplier of the safety data sheet

Supplier                        American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

Emergency telephone        1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

Physical hazards              Not Classified

Health hazards                Not Classified

##### Label elements

Hazard statements            NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

Composition comments       Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

General information        --

Ingestion                      Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact                 Wash skin thoroughly with soap and water.

Eye contact                  Rinse with water.

##### Most important symptoms and effects, both acute and delayed

Inhalation                    Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 43 AURORA

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 43 AURORA

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

**CTL 43 AURORA**

**Other information** Not applicable.

**10. Stability and reactivity**

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Skin corrosion/irritation****Skin sensitization**

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information**

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient** No information available.

**Mobility in soil**

**Mobility** Semi-mobile.

**Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 43 AURORA

### Other adverse effects

Other adverse effects      None known.

### 13. Disposal considerations

#### Waste treatment methods

**General information**      Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General**      This package is shipped in accordance with ADR SP375, IATA A197 & IMDG 2.10.2.7.

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labelling requirements for larger volumes.

#### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**      Not applicable.

### 15. Regulatory information

#### International Regulations

##### US State Regulations

###### **California Proposition 65 Carcinogens and Reproductive Toxins**

Known to the State of California to cause developmental and reproductive toxicity.

*lithium carb*

5-10%

###### **Massachusetts "Right To Know" List**

*lithium carb*

5-10%

*zinc oxide*

1-5%

## CTL 43 AURORA

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*Rutile*

5-10%

### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*Rutile*

5-10%

### **Minnesota "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*Rutile*

5-10%

### **New Jersey "Right To Know" List**

*lithium carb*

5-10%

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

*Rutile*

5-10%

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*2-aminoethanol*

<1%

**CTL 43 AURORA***Rutile*

5-10%

**Inventories****Canada - DSL/NDL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	11/16/2016
<b>Revision</b>	5
<b>Supersedes date</b>	7/28/2016
<b>SDS No.</b>	5001

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## SAFETY DATA SHEET

### CTL 61 BUTTERCUP

#### 1. Identification

##### Product identifier

**Product name** CTL 61 BUTTERCUP

**Product number** CTL 61 BUTTERCUP

##### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

##### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

##### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Not Classified

##### Label elements

**Hazard statements** NC Not Classified

##### Other hazards

none present

#### 3. Composition/information on ingredients

##### Mixtures

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

#### 4. First-aid measures

##### Description of first aid measures

**General information** --

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

##### Most important symptoms and effects, both acute and delayed

**Inhalation** Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 61 BUTTERCUP

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor**            Treat symptomatically.

### **5. Fire-fighting measures**

#### Extinguishing media

**Suitable extinguishing media**    Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards**                The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters**    Use protective equipment appropriate for surrounding materials.

### **6. Accidental release measures**

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions**            For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions**    Please read Section 2 completely. If any environmental warnings such as: H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up**        Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections**    For waste disposal, see Section 13. For personal protection, see Section 8.

### **7. Handling and storage**

#### Precautions for safe handling

**Usage precautions**                Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions**            Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)**                The identified uses for this product are detailed in Section 1.2.

### **8. Exposure Controls/personal protection**

## CTL 61 BUTTERCUP

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 61 BUTTERCUP

**Other information** Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## CTL 61 BUTTERCUP

### Other adverse effects

Other adverse effects None known.

### 13. Disposal considerations

#### Waste treatment methods

##### **General information**

Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

#### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

#### UN Number

Not applicable.

#### UN proper shipping name

Not applicable.

#### Transport hazard class(es)

No transport warning sign required.

#### Packing group

Not applicable.

#### Environmental hazards

##### **Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

#### Special precautions for user

Not applicable.

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

### 15. Regulatory information

#### International Regulations

#### US State Regulations

##### **California Proposition 65 Carcinogens and Reproductive Toxins**

None of the ingredients are listed or exempt.

##### **Massachusetts "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

## CTL 61 BUTTERCUP

*2-aminoethanol*

<1%

### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Minnesota "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **New Jersey "Right To Know" List**

*zinc oxide*

*Hydrated Aluminium Silicate*

*silica*

*2-aminoethanol*

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

5-10%

*silica*

1-5%

*2-aminoethanol*

<1%

### **Inventories**

#### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

#### **US - TSCA**

All the ingredients are listed or exempt.

#### **US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**CTL 61 BUTTERCUP****16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	5010

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## **SAFETY DATA SHEET**

### **CRYSTALTEX GLAZES (LEAD) – CTL SERIES (3)**

Mfg. American Art & Clay Co.

SDS's for the following Glazes:

CTL 30 SINGED MAPLE

CTL 54 FIRECRACKER



## SAFETY DATA SHEET CTL 30 SINGED MAPLE

### 1. Identification

#### Product identifier

**Product name** CTL 30 SINGED MAPLE

**Product number** CTL 30 SINGED MAPLE

#### Recommended use of the chemical and restrictions on use

**Application** ceramic glaze

#### Details of the supplier of the safety data sheet

**Supplier** American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

#### Emergency telephone number

**Emergency telephone** 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Not Classified

**Health hazards** Not Classified

#### Label elements

**Hazard statements** NC Not Classified

#### Other hazards

none present

### 3. Composition/information on ingredients

#### Mixtures

**Composition comments** Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

### 4. First-aid measures

#### Description of first aid measures

**General information** --

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

**Skin Contact** Wash skin thoroughly with soap and water.

**Eye contact** Rinse with water.

#### Most important symptoms and effects, both acute and delayed

**Inhalation** Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.

## CTL 30 SINGED MAPLE

<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### 8. Exposure Controls/personal protection

## CTL 30 SINGED MAPLE

### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

### Exposure controls

**Appropriate engineering controls** No specific ventilations requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none
<b>Oxidizing properties</b>	none

## CTL 30 SINGED MAPLE

**Other information** Not applicable.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

### 11. Toxicological information

#### Information on toxicological effects

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

#### Skin corrosion/Irritation

#### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Toxicity

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

#### Bioaccumulative potential

**Partition coefficient** No information available.

#### Mobility in soil

**Mobility** Semi-mobile.

#### Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**CTL 30 SINGED MAPLE****Other adverse effects****Other adverse effects** None known.**13. Disposal considerations****Waste treatment methods****General information**

Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

**14. Transport information****General**

This package is shipped in accordance with ADR SP375, IATA A197 & IMDG 2.10.2.7.

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards****Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labelling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**15. Regulatory information****International Regulations****US State Regulations****California Proposition 65 Carcinogens and Reproductive Toxins**

Known to the State of California to cause developmental and reproductive toxicity.

*lithium carb*

5-10%

**Massachusetts "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

## CTL 30 SINGED MAPLE

*Rutile*

5-10%

*lithium carb*

5-10%

*2-aminoethanol*

<1%

### **Rhode Island "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*Rutile*

5-10%

*2-aminoethanol*

<1%

### **Minnesota "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*Rutile*

5-10%

*2-aminoethanol*

<1%

### **New Jersey "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*Rutile*

5-10%

*lithium carb*

5-10%

*2-aminoethanol*

<1%

### **Pennsylvania "Right To Know" List**

*zinc oxide*

1-5%

*Hydrated Aluminium Silicate*

1-5%

*Rutile*

5-10%

**CTL 30 SINGED MAPLE***2-aminoethanol*

&lt;1%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	11/16/2016
<b>Revision</b>	5
<b>Supersedes date</b>	7/28/2016
<b>SDS No.</b>	4990

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

## SAFETY DATA SHEET CTL 54 FIRECRACKER

### 1. Identification

#### Product identifier

Product name CTL 54 FIRECRACKER

Product number CTL 54 FIRECRACKER

#### Recommended use of the chemical and restrictions on use

Application ceramic glaze

#### Details of the supplier of the safety data sheet

Supplier American Art Clay Co Inc  
6060 Guion Road  
Indianapolis,  
IN 46254-1222  
USA  
Toll Free: 1-800-925-5195 ext. 1303  
Local: 1-317-243-0066 ext. 1303

#### Emergency telephone number

Emergency telephone 1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

### 2. Hazard(s) identification

#### Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

#### Label elements

Hazard statements NC Not Classified

#### Other hazards

none present

### 3. Composition/information on ingredients

#### Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

### 4. First-aid measures

#### Description of first aid measures

General information --

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

#### Most important symptoms and effects, both acute and delayed



## CTL 54 FIRECRACKER

<b>Inhalation</b>	Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust / mist can and may aggravate irritation of the throat and lungs.
<b>Ingestion</b>	Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.
<b>Skin contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic glazes, clays and special products will tend to have a drying effect on the skin and may cause some sensitivity to users with sensitive skin.
<b>Eye contact</b>	Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** The product is not believed to present a hazard due to its physical nature.

#### Advice for firefighters

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

#### Environmental precautions

**Environmental precautions** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material

**Reference to other sections** For waste disposal, see Section 13. For personal protection, see Section 8.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry and cool place.

#### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## CTL 54 FIRECRACKER

### 8. Exposure Controls/personal protection

#### Control parameters

**Ingredient comments** Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

#### Exposure controls

**Appropriate engineering controls** No specific ventilation requirements unless the "FAN" pictogram is shown above or specified in Section 2.

**Eye/face protection** No specific eye protection required unless the "EYE PROTECTION" pictogram is shown above or specified in Section 2.

**Hand protection** No specific hand protection required unless the "HAND PROTECTION" pictogram is shown above or specified in Section 2.

**Hygiene measures** Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.

**Respiratory protection** No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

### 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Colored liquid.
<b>Color</b>	Various colors.
<b>Odor</b>	Almost odorless.
<b>Odor threshold</b>	No information available.
<b>pH</b>	6-8
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	No information available.
<b>Flash point</b>	No information available.
<b>Evaporation rate</b>	No information available.
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapor pressure</b>	No information available.
<b>Relative density</b>	Greater than 1.0
<b>Solubility(ies)</b>	Not applicable.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	none

**CTL 54 FIRECRACKER**

**Oxidizing properties** none

**Other information** Not applicable.

**10. Stability and reactivity**

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** No particular stability concerns.

**Possibility of hazardous reactions** None known.

**Conditions to avoid** None known.

**Materials to avoid** None known.

**Hazardous decomposition products** None known.

**11. Toxicological information****Information on toxicological effects**

**Toxicological effects** Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).

**Skin corrosion/irritation****Skin sensitization**

**Skin sensitization** Based on available data the classification criteria are not met.

**Eye contact** May cause temporary eye irritation.

**12. Ecological Information**

**Ecotoxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

**Toxicity** Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

**Persistence and degradability** No data available.

**Biodegradation** Not inherently biodegradable.

**Bioaccumulative potential**

**Partition coefficient** No information available.

**Mobility in soil**

**Mobility** Semi-mobile.

**Results of PBT and vPvB assessment**

## CTL 54 FIRECRACKER

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

**Other adverse effects** None known.

### 13. Disposal considerations

**Waste treatment methods**

**General information** Dispose of waste product or used containers in accordance with local regulations. When handling waste, the safety precautions applying to handling of the product should be considered.

### 14. Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

**UN Number**

Not applicable.

**UN proper shipping name**

Not applicable.

**Transport hazard class(es)**

No transport warning sign required.

**Packing group**

Not applicable.

**Environmental hazards**

**Environmentally Hazardous Substance**

Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

**International Regulations**

**US State Regulations**

**California Proposition 65 Carcinogens and Reproductive Toxins**  
None of the ingredients are listed or exempt.

**Massachusetts "Right To Know" List**

*2-aminoethanol*  
<1%

*Hydrated Aluminium Silicate*  
1-5%

**CTL 54 FIRECRACKER****Rhode Island "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Minnesota "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**New Jersey "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Pennsylvania "Right To Know" List***2-aminoethanol*

&lt;1%

*Hydrated Aluminium Silicate*

1-5%

**Inventories****Canada - DSL/NDSL**

All the ingredients are listed or exempt.

**US - TSCA**

All the ingredients are listed or exempt.

**US - TSCA 12(b) Export Notification**

All the ingredients are listed or exempt.

**16. Other information**

<b>General information</b>	The following are the top 5 materials by weight listed for New Jersey (if applicable):- Water 7732-18-5, Non Lead Frit65997-18-4, Hydrated Aluminum Silicate1332-58-7, Calcium Silicate 13983-17-0 Various Pigments
<b>Revision date</b>	7/28/2016
<b>Revision</b>	3
<b>Supersedes date</b>	7/27/2016
<b>SDS No.</b>	5009

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