

**90500860**

**Stainless Steel Cleaner**



# Safety Data Sheet

## Spartan Chemical Company, Inc.

Revision Date: 11-Aug-2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

**Product Name:** STAINLESS STEEL CLEANER POLISH  
**Product Number:** 6310  
**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**

Flammable Aerosols Category 1  
Gases Under Pressure Liquefied gas

GHS Label Elements

**Signal Word:**

**Danger**

**Symbols:**



**Hazard Statements:**

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated

Precautionary Statements:

**Prevention:**

Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Do not spray on an open flame or other ignition source  
Pressurized container: Do not pierce or burn, even after use  
Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

**Response:**

**-Specific Treatment:**

See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C) Store in a well-ventilated place

**Disposal:**

Not Applicable

**Hazards Not Otherwise Classified:** Not Applicable

- Other Information:**
- May cause skin irritation.
  - May cause eye irritation.
  - May be harmful if swallowed.
  - Inhalation of vapors or mist may cause respiratory irritation.
  - Keep out of reach of children.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
water	7732-18-5	40-70
petroleum distillates	64741-44-2	10-30
N-butane	106-97-8	3-7
petroleum distillates	64742-88-7	1-5
propane	74-98-6	1-5
polydimethylsiloxane	63148-62-9	1-5
decaglyceryl monooleate	9007-48-1	1-5

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 several 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:** Water spray (fog), Foam
- Specific Hazards Arising from the Chemical:** Extremely flammable aerosol. Exposure to high temperature may cause containers to burst. Bursting aerosol containers may be propelled from fire at high speed.
- 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. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

### 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. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Wash thoroughly after handling.



**Storage Conditions:** NFPA 30B Level 1 Aerosol. Do not store in direct sunlight or above 122 F° / 50 C°. Exposure to high temperature may cause containers to burst. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
N-butane 106-97-8	TWA: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup>	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 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.

### 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>	Aerosol
<b>Color:</b>	White
<b>Odor:</b>	Lemon
<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 (Product without propellant)
<b>Flash Point:</b>	< -18 °C / < 0 °F (Propellant-estimated)
<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>	0.94 (Product without propellant)
<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

**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 and redness.  
**-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.  
**Target Organ Effects:** Central nervous system.

### Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 24279 mg/kg  
 ATEmix (dermal): 9524 mg/kg  
 ATEmix (inhalation-gas): 3021468 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
petroleum distillates 64741-44-2	= 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 1700 mg/m <sup>3</sup> ( Rat ) 4 h
N-butane 106-97-8	Not Available	Not Available	= 658 mg/L ( Rat ) 4 h
petroleum distillates 64742-88-7	> 5000 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	> 5.28 mg/L ( Rat ) 4 h
propane 74-98-6	Not Available	Not Available	= 658 mg/L ( Rat ) 4 h
polydimethylsiloxane 63148-62-9	> 17 g/kg ( Rat )	> 2 g/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
petroleum distillates 64742-88-7	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static	Not Available	100: 48 h Daphnia magna mg/L EC50

**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:** Pressurized container: Do not pierce or burn, even after use. Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT:**

UN/ID No: UN1950  
Proper Shipping Name: Aerosols  
Hazard Class: 2.1  
Special Provisions: This product meets the exception requirements of section 49 CFR 173.306 as a limited quantity and may be shipped as a limited quantity.

**IMDG:**

UN/ID No: UN1950  
Proper Shipping Name: Aerosols  
Hazard Class: 2.1  
Additional information: Limited Quantity

**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**

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

**California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

**16. OTHER INFORMATION**

**NFPA** Health Hazards: 1 Flammability: 2 Instability: 0 Special: N/A  
**HMIS** Health Hazards: 1 Flammability: 2 Physical Hazards: 2

Revision Date: 11-Aug-2015  
Reasons for Revision: Section 14 and 15

**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

## Spartan Chemical Company, Inc.

Revision Date: 11-Aug-2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name:** SUPERIOR HIGH SHINE STAINLESS STEEL CLEANER & POLISH  
**Product Number:** 6290  
**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**

Specific Target Organ Toxicity (Single Category 3  
Exposure):  
Flammable Aerosols Category 1  
Gases Under Pressure Liquefied gas

**GHS Label Elements**

**Signal Word:**

**Symbols:**

**Danger**



**Hazard Statements:**

May cause drowsiness or dizziness  
Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated

**Precautionary Statements:**

**Prevention:**

Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Do not spray on an open flame or other ignition source  
Pressurized container: Do not pierce or burn, even after use  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area.  
Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

**Response:**

**-Inhalation:**

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 you feel unwell  
See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

**-Specific Treatment:**

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C) Store in a well-ventilated place Store locked up.



**Disposal:** Dispose of contents and container in accordance with local, state and federal regulations.

**Hazards Not Otherwise Classified:** Not Applicable

**Other Information:**

- May cause skin irritation.
- May cause eye irritation.
- Keep out of reach of children.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
petroleum distillates	64742-47-8	40-70
petroleum distillates	64741-44-2	10-30
N-butane	106-97-8	1-5

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 several 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:** Water spray (fog), Foam

**Specific Hazards Arising from the Chemical:** Extremely flammable aerosol. Exposure to high temperature may cause containers to burst. Bursting aerosol containers may be propelled from fire at high speed.

**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. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

**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. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Wash thoroughly after handling.



**Storage Conditions:** NFPA 30B Level 3 Aerosol. Do not store in direct sunlight or above 122 F° / 50 C°. Exposure to high temperature may cause containers to burst. Keep out of the reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
N-butane 106-97-8	TWA: 1000 ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	TWA: 800 ppm TWA: 1900 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.

**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>	Aerosol
<b>Color:</b>	No information available.
<b>Odor:</b>	Lemon
<b>pH:</b>	Not applicable
<b>Melting Point / Freezing Point:</b>	No information available.
<b>Boiling Point / Boiling Range:</b>	106 °C / 223 °F (Product without propellant)
<b>Flash Point:</b>	< 38 °C / < 0 °F (Propellant-estimated)
<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>	0.760 (Product without propellant)
<b>Solubility(ies):</b>	Negligible
<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 and redness.  
**-Skin Contact:** Drying of the skin.  
**-Inhalation:** Nasal discomfort and coughing.  
**-Ingestion:** Pain, nausea, vomiting and diarrhea.  
**Immediate, Delayed, Chronic Effects**  
**Product Information:** Central nervous system effects including dizziness, nausea and headache.

**Numerical Measures of Toxicity**

The following acute toxicity estimates (ATE) are calculated based on the GHS document.  
 Data not available or insufficient for classification.

**Component Acute Toxicity Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
petroleum distillates 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
petroleum distillates 64741-44-2	= 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 1700 mg/m <sup>3</sup> ( Rat ) 4 h
N-butane 106-97-8	Not Available	Not Available	= 658 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
petroleum distillates 64742-47-8	Not Available	45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static	Not Available	4720: 96 h Daphnia magna mg/L LC50 heteropoda mg/L LC50

**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:** Pressurized container: Do not pierce or burn, even after use. Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

**DOT:**

**UN/ID No:** UN1950

**Proper Shipping Name:** Aerosols

**Hazard Class:** 2.1

**Special Provisions:** This product meets the exception requirements of section 49 CFR 173.306 as a limited quantity and may be shipped as a limited quantity.

**IMDG:**

**UN/ID No:** UN1950

**Proper Shipping Name:** Aerosols

Hazard Class: 2.1  
Additional information: Limited Quantity

**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**

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

**California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

**16. OTHER INFORMATION**

**NFPA** Health Hazards: 1 Flammability: 4 Instability: 0 Special: N/A  
**HMIS** Health Hazards: 1\* Flammability: 4 Physical Hazards: 2

Revision Date: 11-Aug-2015  
Reasons for Revision: No information available.

**Disclaimer:**

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End of Safety Data Sheet





Zep Inc.  
1310 Seaboard Industrial Blvd.  
Atlanta, GA 30318  
1-877-I-BUY-ZEP (428-9937)  
Superior Solutions www.zep.com

# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product name** ZEP STAINLESS STEEL POLISH  
**Product use** Aerosol Stainless Steel Cleaner and Polish  
**Product code** 0143  
**Date of issue** 11/16/04 **Supersedes** 04/07/95

**Emergency Telephone Numbers** For MSDS Information:  
Compliance Services 1-877-I-BUY-ZEP (428-9937)

For Medical Emergency  
INFOTRAC: (877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency  
CHEMTREC: (800) 424-9300 - All Calls Recorded  
In the District of Columbia (202) 483-7616

CALCASIEU PARISH SCHOOL BOARD  
JANITORIAL WAREHOUSE  
3310 BROAD ST  
LAKE CHARLES LA 70615

Printing date: 03/03/09

Prepared By  
Compliance Services  
1420 Seaboard Industrial Blvd.  
Atlanta, GA 30318

## Section 2. Composition, Information on Ingredients

Name of hazardous ingredients	CAS #	% by Weight	Exposure Limits
PARAFFIN OIL, blend of heavy and light naphthenic petroleum distillate	64742-52-5	60 - 70	OSHA PEL (United States). : 5 mg/m <sup>3</sup> 8 hour(s). Form: Mist ACGIH TLV (United States). : 5 mg/m <sup>3</sup> 8 hour(s). Form: Mist
PETROLEUM SPIRITS; vm&p naphtha; refined solvent naphtha	8032-32-4	10 - 20	ACGIH (United States). TWA: 300 ppm OSHA (United States). STEL: 400 ppm
D-LIMONENE - orange distillate; citrus terpene; cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	5 - 10	
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	<5	ACGIH TLV (United States). TWA: 200 ppm 8 hour(s). OSHA PEL (United States). TWA: 400 ppm 8 hour(s). ACGIH/OSHA (United States). STEL: 400 ppm 15 minute(s).

## Section 3. Hazards Identification

### Acute Effects

**Routes of Entry** Absorbed through skin. Eye contact. Inhalation.

**Skin** Hazardous by the following route of exposure: of skin contact (irritant, permeator, sensitizer). May cause allergic reactions in certain individuals. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering. Defatting properties, may aggravate an existing dermatitis

**Eyes** Hazardous by the following route of exposure: of eye contact (irritant). Inflammation of the eye is characterized by redness, watering and itching.

**Inhalation** Hazardous by the following route of exposure: of inhalation. May cause respiratory tract irritation. Can cause central nervous system (CNS) depression. Medical conditions aggravated by over-exposure Respiratory

**Ingestion** Unlikely in this form.

**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse health effects are lessened by following all prescribed safety precautions, including use of proper personal protective equipment.

### HMIS

Health	1
Fire Hazard	3
Reactivity	0
Personal Protection	B

**Carcinogenic Effects** Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects** Prolonged or repeated contact may dry skin and cause irritation. Over-exposure by inhalation or absorption can cause central nervous system depression.

See Toxicological Information (section 11)

**Section 12. Ecological Information**

Ecotoxicity Not available.

Biodegradable/OECD Not available.

**Section 13. Disposal Considerations**

**Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Waste Stream** Code: D001  
Classification: - [Hazardous waste.]  
Origin: - [RCRA waste.]

Consult your local or regional authorities.

**Section 14. Transport Information**

Proper shipping name Consumer commodity

DOT Classification ORM-D

UN number Not regulated.

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

TDG Classification ORM-D

**Section 15. Regulatory Information**

**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

**State Regulations**

**WARNING:** This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Benzene; Toluene

**WHMIS (Canada)**

Class A: Compressed gas.

Class B-5: Flammable aerosol.

Class D-2B: Material causing other toxic effects (Toxic).

**Section 16. Other Information**

*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.*



# Spartan Chemical Company, Inc.

## Material Safety Data Sheet

### SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):

**SUPERIOR HIGH SHINE STAINLESS STEEL CLEANER & POLISH  
(AEROSOL)**

Product Number: 6290

Product Division:

**Janitorial**

**Spartan Chemical Company, Inc.**  
**1110 Spartan Drive**  
**Maumee, OH 43537**

Product/Technical Information: **1-(800)-537-8990**

Medical Emergency: **1-(888)-314-6171 (24 hours)**

Chemical Leak/Spill Emergency: **CHEMTREC 1-(800) 424-9300 (24 hours)**

Shipping Description: ORM-D, Consumer commodity, cleaning compounds, aerosol, n.o.s.

NFPA Ratings:	HMIS Ratings:
<b>Health:</b> 1- Slight <b>Fire:</b> 3 - Serious <b>Reactivity:</b> 1- Slight	<b>Health:</b> *1 - Slight; Chronic Hazard <b>Fire:</b> 3 - Serious <b>Reactivity:</b> 1- Slight <b>Pers. Prot. Equip.:</b> See Section VIII

### SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			Carcinogen
			TWA mg/m <sup>3</sup>	STEL mg/m <sup>3</sup>	CEILING mg/m <sup>3</sup>	
Petroleum distillate	NA	64742-47-8	1200 (Exxon)	Not Established	Not Established	No
Petroleum distillate	NA	64741-44-2	5 (oil mist)	10 (NIOSH)	Not Established	No
Propane	NA	74-98-6	1800	Not Established	Not Established	No
Isobutane	NA	75-28-5	1900 (NIOSH)	Not Established	Not Established	No

### SECTION III: PHYSICAL DATA

Boiling Point: -44 to 529 °F	Vapor Pressure: Unknown
Vapor Density (AIR = 1): Heavier than air.	Solubility in Water: Negligible
pH: NA	Specific Gravity (H <sub>2</sub> O=1): 0.75 (Concentrate)
Evaporation Rate (but. ace. =1): <1	Percent Solid by Weight: NA
Physical State: Aerosol can (pressurized liquid)	
Appearance & Odor: Lemon fragrance	

### SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: Propellant: < 0°F	Method Used: Estimate
Flammable Limits: Not Established Explosive Limits: Lower: 0.5% Upper: 9.5%	Flame Extension: > 18 Inches NFPA 30B Level 3 Aerosol
Extinguishing Media: Carbon dioxide, Dry chemical,	
Special Fire Fighting Procedures: Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Wear a full face positive pressure self contained breathing apparatus when fighting fires.	
Unusual Fire & Explosive Hazards: Material is highly volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical motors, static discharge or other ignition sources at locations distant from material handling point.	



**SECTION V: HEALTH HAZARD DATA**

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes & Oral
Effects of Overexposure- Conditions to Avoid:	<b>Harmful or Fatal if Swallowed.</b> Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death. <b>Harmful if Inhaled.</b> Inhalation of vapors may cause central nervous system effects including dizziness, weakness, fatigue, nausea, headache, loss of consciousness and even death depending on vapor concentration and duration of exposure. Prolonged exposure above the OSHA permissible exposure limits may result in kidney and liver damage. The intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. <b>Causes Skin Irritation.</b> Frequent or prolonged contact may cause dermatitis. <b>Causes Eye Irritation.</b> <b>Do not breathe vapors or mists. Avoid contact with eyes and skin. Do not swallow.</b>
Conditions Aggravated by Use:	Preexisting skin; eye and respiratory disorders.

**Emergency & First Aid Procedures:**

Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention.
Skin:	Wash thoroughly with soap and water while removing contaminated clothing. Get medical attention if irritation persists. Wash contaminated clothing before reuse.
Ingestion:	Do not induce vomiting. Call a physician immediately.
Inhalation:	Move person to fresh air. If breathing is difficult; give oxygen. If breathing has stopped; give artificial respiration. Get medical attention.

Note to Physician: Contains Petroleum distillates. May cause chemical pneumonia if aspirated into the lungs.

**SECTION VI: REACTIVITY DATA**

Stability: Stable	Incompatible Materials: Avoid contact with strong oxidizing agents; strong alkalis and strong mineral acids.
Hazardous Decomposition Products: Burning can produce carbon monoxide, carbon dioxide and phosgene gas	Hazardous Polymerization: Will Not Occur

**SECTION VII: SPILL OR LEAK PROCEDURES**

Steps to be Taken in Case Material is Released or Spilled:	Ventilate area. Remove all sources of ignition. Clean up with inert materials and dispose of in accordance with all local, state and federal regulations.
Waste Disposal Method:	Do not puncture or incinerate aerosol containers. Empty containers may be disposed of through normal channels. Full or partially filled containers are considered hazardous waste.

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

Respiratory Protection:	Not normally required. However, if exposure limits are exceeded (see Section II) a fully functioning NIOSH approved respirator suitable for the ingredients in Section II should be worn.
Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.
Protective Gloves(Specify Type):	Resistant gloves such as PVC or polyethylene are recommended to prevent skin contact.
Eye Protection(Specify Type):	Use of chemical goggles is recommended to prevent eye contact.
Other Protective Equipment:	See 29 CFR 1910.132 -138.

**SECTION IX: SPECIAL PRECAUTIONS**

Precautions; Handling & Storing:	Do not puncture or incinerate container. Do not use or store product near heat, sparks or open flame. Do not store in direct sunlight or above 120 F. High temperatures may cause container to burst. Wash thoroughly after handling.
Other Precautions:	Keep out of reach of children.

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Effective Date: 09/27/2001

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