# Crew 9 Shower, Tub & Tile Cleaner HC

**Version Number:** 5 **Preparation date:** 2015-03-18

## 1. IDENTIFICATION

**Product name:** Crew 9 Shower, Tub & Tile Cleaner HC
**Product Code:** 93063453, 93063461, 95220328, 95970284, 100828357, 100875412, 100877913, 100877914
**SDS #:** MS0800270
**Recommended use:** • Restroom Care
• This product is intended to be diluted prior to use
**Uses advised against:** Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**
US Headquarters
Diversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.diversey.com

Canadian Headquarters
Diversey, Inc. - Canada
3755 Laird Road
Mississauga, Ontario L5L 0B3
Phone: 1-800-668-3131

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

## 2. HAZARDS IDENTIFICATION

**Classification for the undiluted product**

| | |
|---|---|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |
| Metal Corrosion: | Category 1 |



**Signal Word:** **Danger.**

**Precautionary Statements**

**CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE. MAY BE CORROSIVE TO METALS.**
Causes burns/ serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Keep only in original container. Wash affected areas thoroughly after handling. Wear chemical-splash goggles and chemical-resistant gloves. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a Poison Center (1-800-851-7145) or physician. Take off contaminated clothing and wash it before reuse. Absorb spillage to prevent material damage. Store in corrosive-resistant container with a resistant inner liner. Dispose of in accordance with all federal, state and local applicable regulations.

**Health hazards not otherwise classified (HHNOC)** - Not applicable
**Physical hazards not otherwise classified (PHNOC)** - Not applicable

**Classification for the diluted product** @ 1:40

This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and current Canadian Controlled Products Regulations (CPR).

**Precautionary Statements**

None required.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Classified Ingredients

| Ingredient(s) | CAS # | Weight % |
|---|---|---|
| Urea hydrochloride | 506-89-8 | 20 - 30% |
| Alcohol ethoxylates | 68439-46-3 | 10 - 20% |
| β-Alanine, N-(2-carboxyethyl)-N-dodecyl-, sodium salt | 14960-06-6 | 1% - < 3% |

*Exact percentages are being withheld as trade secret information

## 4. FIRST AID MEASURES

### Undiluted Product:

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes.
**Skin:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
**Inhalation:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.
**Ingestion:** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting unless directed to do so by medical personnel. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.
**Immediate medical attention and special treatment needed** Not applicable.
**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

### Diluted Product:

**Eyes:** Rinse with plenty of water If irritation occurs and persists, get medical attention.
**Skin:** Rinse with plenty of water If irritation occurs and persists, get medical attention.
**Inhalation:** No specific first aid measures are required
**Ingestion:** Rinse mouth with water.

## 5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required
**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
**Specific hazards:** Not applicable.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
**Extinguishing media which must not be used for safety reasons:** No information available.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Put on appropriate personal protective equipment (see Section 8.).
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation.

Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Mix only with water. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. May react to release hazardous gases. Corrosive to steel and aluminum. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

**Aerosol Level (if applicable) :** Not applicable

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:** .

| Ingredient(s) | CAS # | ACGIH | OSHA |
|---|---|---|---|
| Urea hydrochloride | 506-89-8 | - | - |
| Alcohol ethoxylates | 68439-46-3 | - | - |
| β-Alanine, N-(2-carboxyethyl)-N-dodecyl-, sodium salt | 14960-06-6 | - | - |

### Undiluted Product:

**Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels Respiratory protection is not required if good ventilation is maintained.

**Personal Protective Equipment**

**Eye protection:** Chemical-splash goggles.
**Hand protection:** Chemical-resistant gloves.
**Skin and body protection:** No personal protective equipment required under normal use conditions.
**Respiratory protection:** No personal protective equipment required under normal use conditions.
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

### Diluted Product:

**Personal Protective Equipment**

**Eye protection:** No personal protective equipment required under normal use conditions.
**Hand protection:** No personal protective equipment required under normal use conditions.
**Skin and body protection:** No personal protective equipment required under normal use conditions.
**Respiratory protection:** No personal protective equipment required under normal use conditions.
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Physical State:** Liquid
**Evaporation Rate:** No information available
**Odor threshold:** No information available.
**Melting point/range:** Not determined
**Autoignition temperature:** No information available
**Solubility in other solvents:** No information available
**Density:** 9.13 lbs/gal 1.095 Kg/L
**Bulk density:** No information available
**Flash point:** > 200 °F > 93.3 °C
**Dilution Flash Point:** 200 °F 93.3 °C
**Elemental Phosphorus:** 0.00 % by wt.
**pH:** 0.0
**Dilution pH:** 1.29 @ 1:40
**Metal Corrosion:** Category 1
**Explosion limits: - upper:** Not determined **- lower:** Not determined

**Color:** Clear, Fluorescent, Red
**Odor:** Fresh
**Boiling point/range:** Not determined
**Decomposition temperature:** Not determined
**Solubility:** Completely Soluble
**Relative Density (relative to water):** 1.095
**Vapor density:** No information available
**Vapor pressure:** No information available.
**Partition coefficient (n-octanol/water):** No information available
**Viscosity:** No information available
**VOC:** 0.04 % *
**VOC % by wt. at use dilution** 0 % *
**Flammability (Solid or Gas):** Not applicable

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not Applicable
**Stability:** The product is stable
**Hazardous decomposition products:** None reasonably foreseeable.
**Materials to avoid:** Ammonia. Oxidizing agents. Bases. Do not mix with chlorinated products (such as bleach). Corrosive to steel and aluminum.
**Conditions to avoid:** Do not mix with any other product or chemical.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**
Eye contact, Skin contact, Inhalation, Ingestion

**Delayed, immediate, or chronic effects and symptoms from short and long-term exposure**
**Skin contact:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.
**Eye contact:** Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.
**Ingestion:** Causes burns/ serious damage to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.
**Sensitization:** No known effects.

**Numerical measures of toxicity**
**ATE - Oral (mg/kg):** 3200

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations. This product, when diluted as stated on this MSDS, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.
**Contaminated Packaging:** Do not re-use empty containers.
**RCRA Hazard Class (undiluted product):** D002 Corrosive Waste
RCRA Hazard Class (diluted product): D002 Corrosive Waste

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Proper shipping descriptions can vary by pack size. Please refer to the Diversey HazMat Library, **only available through Internet Explorer**, http://naextranet.diversey.com/dot/, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (urea hydrochloride), 8, III

**IMDG (Ocean) Bill of Lading Description:** UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (urea hydrochloride), 8, III

## 15. REGULATORY INFORMATION

**International Inventories at CAS# Level**
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

**U.S. Regulations**

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65.

**RIGHT TO KNOW (RTK)**

| Ingredient(s) | CAS # | MARTK: | NJRTK: | PARTK: | RIRTK: |
|---|---|---|---|---|---|
| Water | 7732-18-5 | - | - | - | - |
| Urea hydrochloride | 506-89-8 | - | - | - | - |
| Alcohol ethoxylates | 68439-46-3 | - | - | - | - |
| β-Alanine, N-(2-carboxyethyl)-N-dodecyl-, sodium salt | 14960-06-6 | - | - | - | - |
| Benzotriazole | 95-14-7 | X | - | - | - |
| Diethyl phthalate | 84-66-2 | X | X | X | X |

**CERCLA/ SARA**

| Ingredient(s) | CAS # | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|---|---|---|---|---|---|
| Diethyl phthalate | 84-66-2 | > 0.1% - < 1% | 1000 | | |

| Ingredient(s) | CAA HAP | CAA ODS | CWA Priority Pollutants |
|---|---|---|---|
| Diethyl phthalate | | | X |

**SARA 311/312 Hazard Categories**

**Immediate:** X
**Delayed:** -
**Fire:** -
**Reactivity:** -
**Sudden Release of Pressure:** -

## Canadian Regulations

| Ingredient(s) | CAS # | NPRI |
|---|---|---|
| Diethyl phthalate | 84-66-2 | X |

## 16. OTHER INFORMATION

**NFPA (National Fire Protection Association)**
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

**Health** 3
**Flammability** 0
**Instability** 0

**Version Number:** 5
**Preparation date:** 2015-03-18

**Reason for revision:** Not applicable
**Prepared by:** NAPRAC
**Additional advice:** • Contains an added fragrance, see "Odor" heading in section 9 for specific description

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