1. IDENTIFICATION

Product name: Shockwave Heavy Duty Degreaser
Product Code: 100839421
SDS #: MS0800311
Recommended use:
  • Industrial/Institutional
  • Cleaner/Degreaser
Uses advised against:
  This product is intended to be diluted prior to use
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
2401 Bristol Circle
Oakville, Ontario L6H 6P1
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
Serious eye damage/eye irritation Category 1

Signal Word: Danger

Precautionary Statements
CAUSES SERIOUS EYE DAMAGE.
Avoid contact with eyes, skin and clothing. Causes burns/serious damage to mouth, throat and stomach. Keep container tightly closed. 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 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 doctor/physician. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: May be mildly irritating to skin. In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.

Health hazards not otherwise classified (HHNOC): Not applicable
Physical hazards not otherwise classified (PHNOC): Not applicable
Classification for the diluted product @ @ 1:14
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

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>3% - &lt; 5%</td>
</tr>
<tr>
<td>Lauryl dimethyl amine oxide</td>
<td>1643-20-5</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td>Alkyl poly glycoside</td>
<td>110615-47-9</td>
<td>1% - &lt; 3%</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>1% - &lt; 3%</td>
</tr>
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</table>

*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:** In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical 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:** None known.

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 and eyes. Wash thoroughly after handling. 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: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

<table>
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<th>OSHA</th>
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Undiluted Product:
Engineering measures to reduce exposure: General room ventilation is adequate

Personal Protective Equipment
- **Eye protection:** Chemical-splash goggles.
- **Hand protection:** Chemical-resistant gloves.
- **Skin and body protection:** No special requirements under normal use conditions.
- **Respiratory protection:** No special requirements under normal use conditions.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:

Personal Protective Equipment
- **Eye protection:** No special requirements under normal use conditions.
- **Hand protection:** No special requirements under normal use conditions.
- **Skin and body protection:** No special requirements under normal use conditions.
- **Respiratory protection:** No special requirements under normal use conditions.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

**Physical State:** Liquid
**Color:** Clear, Yellow
**Evaporation Rate:** No information available
**Odor threshold:** No information available.
**Melting point/range:** Not determined
**Autoignition temperature:** Not determined
**Solubility in other solvents:** No information available
**Density:** 8.37 lbs/gal  1.004 Kg/L
**Bulk density:** No information available
**Flash point:** > 200 °F > 93.3 °C
**Partition coefficient (n-octanol/water):** No information available
**Vapor density:** No information available
**Boiling point/range:** Not determined
**Viscosity:** No information available
**Elemental Phosphorus:** 0.00 % by wt.
**pH:** 6.76
**VOC % by wt. at use dilution:** 0.06 %
**Flammability (Solid or Gas):** Not applicable
**Dilution %:** 0
**Dilution Flash Point:** 7.02 @ 1:14

**Shockwave Heavy Duty Degreaser**

10. STABILITY AND REACTIVITY

**Reactivity:** Not Applicable
**Stability:** The product is stable
**Hazardous decomposition products:** None reasonably foreseeable.
**Materials to avoid:** None known.
**Conditions to avoid:** No information available.

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: May be mildly irritating to skin. Symptoms may include redness and/or transient 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): >5000

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: This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this SDS, is not 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): Not Regulated

RCRA Hazard Class (diluted product): Not Regulated

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: 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: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

IMDG (Ocean) Bill of Lading Description: CLEANING, WASHING, BUFFING, OR POLISHING COMPOUNDS LIQUID

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)

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<tr>
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CERCLA/ SARA

SARA 311/312 Hazard Categories

Immediate: x

Delayed: -
16. OTHER INFORMATION

NFPA
Health 3
Flammability 0
Instability 0

Version Number: 1
Preparation date: 2014-05-12

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: • Does not contain an added fragrance

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