1. IDENTIFICATION

Product name: Crew Clinging Toilet Bowl Cleaner
Product Code: 04578, CBD539698
SDS #: MS0800445
Recommended use:
• Industrial
• Industrial/Industrial Care
• Restroom Care

Uses advised against:
• This product is intended to be used neat.
• Uses other than those identified are not recommended

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
P.O. Box 19747
Charlotte, NC 28219-0747
Phone: 1-888-352-2249
SDS Internet Address: https://sds.sealedair.com

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

2. HAZARDS IDENTIFICATION

Classification for the undiluted product

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>1B</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>1</td>
</tr>
</tbody>
</table>

Signal Word: Danger.

Precautionary Statements:
Causes burns/serious damage to mouth, throat and stomach. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash affected areas thoroughly after handling. Wear chemical-splash goggles, chemical-resistant gloves and protective footwear. 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 (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. 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. Wash contaminated clothing before reuse. 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
### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Classified Ingredients</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric acid</td>
<td>7647-01-0</td>
<td>5 - 10%</td>
</tr>
<tr>
<td>Ethoxylated oleyl amine</td>
<td>13127-82-7</td>
<td>1 - &lt; 3%</td>
</tr>
<tr>
<td>Alcohol ethoxylates</td>
<td>68131-39-5</td>
<td>1 - &lt; 3%</td>
</tr>
<tr>
<td>n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride</td>
<td>68391-01-5</td>
<td>&gt; 0.1 - &lt; 1%</td>
</tr>
<tr>
<td>n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride</td>
<td>68956-79-6</td>
<td>&gt; 0.1 - &lt; 1%</td>
</tr>
</tbody>
</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:** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water for at least 15 minutes.

**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.

**Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**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:**

This product is intended to be used neat.

**Eyes:** See undiluted product information above.

**Skin:** See undiluted product information above.

**Inhalation:** See undiluted product information above.

**Ingestion:** See undiluted product information above.

### 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:** Corrosive material (See sections 8 and 10).

**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

Crew Clinging Toilet Bowl Cleaner
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. DO NOT MIX WITH CHLORINE BLEACH, ACIDS, OR ANY OTHER PRODUCT OR CHEMICAL. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. 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:

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:
  Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
- Respiratory protection:
  In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
- Hygiene measures:
  Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:
This product is intended to be used neat.

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- 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: 8.76 lbs/gal 1.05 Kg/L
- Bulk density: No information available
- Flash point (°F): > 200 °F > 93.3 °C
- Dilution Flash Point: 200 °F 93.3 °C
- Elemental Phosphorus: 0.00 % by wt.
- pH: 1.0
- Dilution pH: 1.0 @ RTU
- Metal Corrosion: Not determined
- Explosion limits: - upper: Not determined - lower: Not determined
- Color: Clear, Green
- Odor: Floral
- Boiling point/range: Not determined
- Decomposition temperature: Not determined
- Solubility: Completely Soluble
- Relative Density (relative to water): 1.05
- Vapor density: No information available
- Vapor pressure: No information available
- Partition coefficient (n-octanol/water): No information available
- VOC: 0 % *
- VOC % by wt. at use dilution 0 % *
- Flammability (Solid or Gas): Not applicable
- Sustained combustion: Not applicable

10. STABILITY AND REACTIVITY

- Reactivity: Not Applicable
- Stability: The product is stable
- Hazardous decomposition products: None reasonably foreseeable.
- Materials to avoid: Strong bases. Oxidizing agents.
- Conditions to avoid: Do not mix with any other product or chemical.

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508
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: Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).
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.
Target Organs (SE): None known
Target Organs (RE): None known

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA</th>
<th>CA Prop 65</th>
<th>CA Prop 65 Reproductive</th>
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<tr>
<td>Hydrochloric acid</td>
<td>7647-01-0</td>
<td></td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Numerical measures of toxicity

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): This product, as sold, if discarded or disposed, is 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.

Waste from residues / unused products (diluted product): 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.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste
RCRA Hazard Class (diluted product): Not Regulated
Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION


DOT (Ground) Bill of Lading Description: LTD. QTY.

IMDG (Ocean) Bill of Lading Description: UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (hydrochloric acid, quaternary ammonium compounds), 8, II, LTD. QTY.

15. REGULATORY INFORMATION

International Inventories at CAS# Level
All components of this product are listed on the following inventories: U.S.A. (TSCA).
RIGHT TO KNOW (RTK)

CERCLA/ SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAA HAP</th>
<th>CAA ODS</th>
<th>CWA Priority Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrochloric acid</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

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

Canadian Regulations

<table>
<thead>
<tr>
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<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
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<tr>
<td>Hydrochloric acid</td>
<td>7647-01-0</td>
<td>X</td>
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</tbody>
</table>

16. OTHER INFORMATION

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

Health 3
Flammability 0
Instability 0

Version Number: 6
Preparation date: 2016-11-07

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

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