



**CREW MEAN GREEN (CAN)**

| HMIS                          |   | NFPA | Personal protective equipment |
|-------------------------------|---|------|-------------------------------|
| Health                        | 3 | 3    |                               |
| Flammability                  | 0 | 0    |                               |
| Physical Hazard / Instability | 0 | 0    |                               |

Version Number: 4

Preparation date: 2014-01-23

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** CREW MEAN GREEN (CAN)

**MSDS #:** 124560001  
**Product Code:** 54561  
**Recommended use:**

- Restroom Care
- Disinfectant Cleaner
- Industrial/Institutional
- This product is intended to be used neat.

**Manufacturer, importer, supplier:**

|  |   |
|--|---|
| US Headquarters<br>Diversey, Inc.<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-1964<br>Phone: 1-888-352-2249<br>MSDS Internet Address: www.diversey.com | Canadian Headquarters<br>Diversey, Inc. - Canada<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|--|---|

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

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**  
 DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS.

**Principal routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** Corrosive. Causes permanent eye damage, including blindness.  
**Skin contact:** Corrosive. Causes permanent damage.  
**Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.  
**Ingestion:** Corrosive. Causes burns to mouth, throat and stomach.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient(s)     | CAS #     | Weight % | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|-------------------|-----------|----------|-------------------------|----------------------|-----------------------|
| Hydrochloric acid | 7647-01-0 | 10 - 20% | 700                     | >5010 mg/kg          | =3124 ppm (1 h)       |

**4. FIRST AID MEASURES**

**Eye contact:** Immediately flush eyes with running water for at least 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:** Flush immediately with plenty of water for at least 15-20 minutes. Get medical attention immediately. Remove and wash contaminated clothing and footwear before re-use.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention immediately.

**Ingestion:** If swallowed, give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:** Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.  
**Extinguishing media which must not be used for safety reasons:** No information available.  
**Specific hazards:** Not applicable.  
**Unusual 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.

## 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. Prevent product from entering drains. 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. Wash thoroughly after handling. 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. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS. Can react to release chlorine gas. 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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**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.

| Ingredient(s)     | CAS #     | ACGIH           | OSHA   | Mexico   |
|-------------------|-----------|-----------------|--|--|
| Hydrochloric acid | 7647-01-0 | 2 ppm (Ceiling) | 5 ppm (Ceiling)<br>7 mg/m <sup>3</sup> (Ceiling) | 5 ppm (Ceiling)<br>7 mg/m <sup>3</sup> (Ceiling) |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Appearance:** Liquid Aqueous solution  
**Specific gravity:** 1.05  
**Vapor density:** No information available  
**Boiling point/range:** Not determined  
**Decomposition temperature:** Not determined  
**Solubility:** Completely Soluble  
**Solubility in other solvents:** No information available  
**Partition coefficient (n-octanol/water):** No information available  
**Elemental Phosphorus:** 0 % by wt.  
**pH:** 1  
**Explosion limits: - upper:** Not determined **- lower:** Not determined

**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Color:** Clear Green  
**Odor:** Acidic Pungent  
**Melting point/range:** Not determined  
**Autoignition temperature:** No information available  
**Density:** 8.76 lbs/gal 1.05 Kg/L  
**Flash point:** > 200 °F > 93.4 °C  
**Viscosity:** No information available  
**VOC:** 0 % \*  
**Dilution pH:** 1 @ RTU

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

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur.  
**Hazardous decomposition products:** None reasonably foreseeable.  
**Materials to avoid:** Ammonia. Strong bases. Strong oxidising agents. Do not mix with any other product or chemical.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** Corrosive. Oral LD50 estimated to be between 2000 - 3000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg.  
**Component Information:** See Section 3.  
**Chronic toxicity:** None known  
**Specific effects**  
**Carcinogenic effects:** • None known  
**Mutagenic effects:** None known  
**Reproductive toxicity:** None known  
**Target organ effects:** None known

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**  
 Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.  
**RCRA Hazard Class (undiluted product):** Not Applicable

## 14. TRANSPORT INFORMATION

**DOT/TDG/IMDG:** Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diverse.com/dot/>, for up to date shipping information.

**DOT (Ground) Bill of Lading Description:** CONSUMER COMMODITY, ORM-D

**IMDG (Ocean) Bill of Lading Description:** UN1789, HYDROCHLORIC ACID SOLUTION, 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), 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 | -      | -      | -      | -      |
| Hydrochloric acid | 7647-01-0 | X      | X      | X      | X      |

### CERCLA/ SARA

| Ingredient(s)     | CAS #     | Weight % | CERCLA/SARA RQ (lbs) | Section 302 TPQ (lbs) | Section 313 |
|-------------------|-----------|----------|----------------------|-----------------------|-------------|
| Hydrochloric acid | 7647-01-0 | 10 - 20% | 5000                 | 5000                  | X           |

| Ingredient(s)     | CAA HAP | CAA ODS | CWA Priority Pollutants |
|-------------------|---------|---------|-------------------------|
| Hydrochloric acid | X       |         |                         |

### SARA 311/312 Hazard Categories

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

### Canada

**WHMIS hazard class:** E Corrosive material.



| Ingredient(s)     | CAS #     | NPRI |
|-------------------|-----------|------|
| Hydrochloric acid | 7647-01-0 | X    |

DIN No. : 02271990

#### 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC

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