



CREW MEAN GREEN (CAN)

HMIS		NFPA	Personal protective equipment
Health	3	3	
Fire Hazard	0	0	
Reactivity	0	0	

Version Number: 2

Preparation date:2010-07-01

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: 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, Inc. 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

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.
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. Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: Not applicable

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required

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. 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. 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. DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS .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) 7 mg/m ³ (Ceiling)	5 ppm (Ceiling) 7 mg/m ³ (Ceiling)

9. PHYSICAL AND CHEMICAL PROPERTIES

<p>Physical State: Liquid</p> <p>Appearance: Liquid</p> <p>Specific gravity: 1.05</p> <p>Vapor density: No information available</p> <p>Boiling point/range: Not determined</p> <p>Decomposition temperature: Not determined</p> <p>Solubility: Completely Soluble</p> <p>Solubility in other solvents: No information available</p> <p>Partition coefficient (n-octanol/water): No information available</p> <p>Elemental Phosphorus: 0% by wt.</p> <p>pH: 1</p>	<p>Bulk density: No information available</p> <p>Evaporation Rate: No information available</p> <p>Color: Clear Green</p> <p>Odor: Acidic/Pungent</p> <p>Melting point/range: Not determined</p> <p>Autoignition temperature: No information available</p> <p>Density: 8.76lbs/gal 1.05Kg/L</p> <p>Flash point: >200°F >93.4°C</p> <p>Viscosity: No information available</p> <p>VOC: 0% *</p> <p>Dilution pH: 1 @ RTU</p>
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Explosion limits:- upper: Not determined- **lower:** Not determined

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:
 Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of in compliance with all Federal, state, provincial, and local laws and regulations. Incineration is the preferred method. Relatively small quantities of product may be neutralized as stated above, and if in accordance with local laws and the operators of the local sewage treatment plant, the neutralized material may be discharged into the sewer system.
RCRA Hazard Class:D002

14. TRANSPORT INFORMATION

DOT/TDG:Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories:U.S.A. (TSCA), Canada (DSL/NDSL).

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
Additional advice: None

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