



## Crew® Antibacterial Bathroom Disinfectant Cleaner

Revision: 2019-11-26

Version: 01.0

### 1. IDENTIFICATION

<b>Product name:</b>	Crew® Antibacterial Bathroom Disinfectant Cleaner
<b>Product Code:</b>	C29534000
<b>SDS #:</b>	MS0801179
<b>Recommended use:</b>	<ul style="list-style-type: none"> <li>• Industrial/Institutional</li> <li>• Disinfectant Cleaner</li> <li>• This product is intended to be used neat.</li> </ul>
<b>Uses advised against:</b>	Uses other than those identified are not recommended

**Manufacturer, importer, supplier:**

US Headquarters  
 Diversey, Inc.  
 1300 Altura Rd., Suite 125  
 Fort Mill, SC 29708  
 Phone: 1-888-352-2249  
 SDS Internet Address: <https://sds.diversey.com>

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

### 2. HAZARDS IDENTIFICATION

**Classification for the undiluted product**

Specific target organ toxicity (repeated exposure)	Category 2
Flammability	Extremely flammable aerosol, Category 1
Gases under pressure	Liquified gas


**Signal Word:**

Warning.

**Hazard Statements**

**FLAMMABLE GAS. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.**

**Precautionary Statements**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe spray. Avoid contact with eyes, skin and clothing. Wash affected areas thoroughly after handling. May cause irritation to mouth, throat and stomach. IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water. 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. If eye irritation persists: Get medical advice or attention. Leaking gas fire: do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so. Protect from sunlight. Store in a well-ventilated place. Dispose of in accordance with all federal, state and local applicable regulations. SUPPLEMENTAL INFORMATION: DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Mix only with water. Can react to release hazardous gases. May vigorously react with strong alkaline products resulting in spattering and excessive heat.

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

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Classified Ingredients

Ingredient(s)	CAS #	Weight %
Butane	106-97-8	1 - 5%
2-butoxyethanol	111-76-2	1 - 5%
Tetrasodium salt of EDTA	64-02-8	1 - 5%
Propane	74-98-6	1 - 5%
Alcohol, C12-C15, ethoxylated	68131-39-5	> 0.1 - < 1%
Alkyl dimethyl ethyl benzyl ammonium chloride	85409-23-0	> 0.1 - < 1%

\*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. If eye irritation persists: Get medical advice/attention.

**Skin:** No specific first aid measures are required.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** IF SWALLOWED: Rinse mouth. Drink a cupful of milk or water.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** Aerosol product - Containers may rocket or explode in heat of fire. NFPA 30B Level 3 Aerosol.

**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. Wash thoroughly after handling. Do not taste or swallow. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. EXTREMELY FLAMMABLE AEROSOL. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. PRESSURIZED CONTAINER: Do not pierce or burn, even after use. Do not incinerate. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Keep tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C (122 °F) which may cause bursting. NFPA 30B Level 3 Aerosol.

**Aerosol Level (if applicable) :** Level 3

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Guidelines:

Ingredient(s)	CAS #	ACGIH	OSHA
Butane	106-97-8	1000 ppm (STEL)	
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin

			50 ppm (TWA) 240 mg/m <sup>3</sup> (TWA)
Propane	74-98-6		1000 ppm (TWA) 1800 mg/m <sup>3</sup> (TWA)

**Undiluted Product:**

**Engineering measures to reduce exposure:**

Good general ventilation should be sufficient to control airborne levels.

**Personal Protective Equipment**

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of 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:**

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.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Aerosol

**Color:** Colorless

**Evaporation Rate:** 0.09

**Odor:** Fresh

**Odor threshold:** No information available.

**Boiling point/range:** Not determined

**Melting point/range:** Not determined

**Decomposition temperature:** Not determined

**Autoignition temperature:** No information available

**Solubility:** Completely Soluble

**Solubility in other solvents:** No information available

**Relative Density (relative to water):** 0.96

**Density:** 0.96 Kg/L

**Vapor density:** No information available

**Bulk density:** No information available

**Vapor pressure:** No information available.

**Flash point (°F):** <-20°F < -29 °C

**Partition coefficient (n-octanol/water):** No information available

**Viscosity:** 0

**Elemental Phosphorus:** 0.0 % by wt.

**VOC:** 6.9 % \*

**pH:** > 11

**Flammability (Solid or Gas):** Not applicable

**Corrosion to metals:** Not determined

**Sustained combustion:** Not applicable

**Explosion limits:** - upper: Not determined - lower: Not determined

\* - 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

**Possibility of hazardous reactions:**

May vigorously react with strong alkaline products resulting in spattering and excessive heat.

**Hazardous decomposition products:**

None reasonably foreseeable.

**Materials to avoid:**

Ammonia. Do not mix with chlorinated products (such as bleach). Do not mix with any other product or chemical unless specified in the use directions.

**Conditions to avoid:**

No information available.

## **11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:**

Skin contact, Inhalation, Eye contact

**Delayed, immediate, or chronic effects and symptoms from short and long-term exposure**

**Skin contact:** Unlikely to be irritant in normal use.

**Eye contact:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May be irritating 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):** No information available

**Numerical measures of toxicity**

**ATE - Oral (mg/kg):** >5000  
**ATE - Dermal (mg/kg):** >5000  
**ATE - Inhalatory, mists (mg/l):** >20  
**ATE - Inhalatory, vapors (mg/l):** >50

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available.

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

**Bioaccumulation:** No information available.

**13. DISPOSAL CONSIDERATIONS**

Do not contaminate water, food, or feed by storage or disposal.

**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)). 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.

**Pesticide Storage:**

Refer to product label.

**Pesticide Disposal:**

Refer to product label.

**Container Disposal:**

Refer to product label.

**RCRA Hazard Class (undiluted product):** D001 Ignitable Waste.

**14. TRANSPORT INFORMATION**

**DOT/TDG/IMDG:** The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

**DOT (Ground) Bill of Lading Description:** UN1950, AEROSOLS, FLAMMABLE, 2.1

**IMDG (Ocean) Bill of Lading Description:** UN1950, AEROSOLS, FLAMMABLE, 2.1

**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).

**U.S. Regulations**

**EPA Reg. No. :** 10900-57-70627

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**CAUTION: KEEP OUT OF REACH OF CHILDREN. HAZARD TO HUMANS AND DOMESTIC ANIMALS.** Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin or clothing. Wear safety glasses and rubber gloves. Thoroughly wash with soap

and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.



**WARNING:** This product can expose you to chemicals including Methyl isobutyl ketone which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
2-butoxyethanol	111-76-2	1 - 5%			X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
2-butoxyethanol	X		

**Canadian Regulations**

Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X
Propane	74-98-6	X

**16. OTHER INFORMATION**

**NFPA (National Fire Protection Association)**

Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

Health 2

Flammability 3

Instability 0

Special Hazards -

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Reason for revision: Not applicable

Prepared by: North American Regulatory Affairs

Additional advice: • Contains an added fragrance, see "Odor" heading in section 9 for specific description

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