




MATERIAL SAFETY DATA SHEET



CREW RESTROOM FLOOR & SURFACE NON-ACID DISINFECTANT CLEANER

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

Version Number: 2

Preparation date: 2007-02-01

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: CREW RESTROOM FLOOR & SURFACE NON-ACID DISINFECTANT CLEANER

MSDS #: 126944002

Product Code: 04731, 4955453, 3063437, 3364707, 4271633

Recommended use: Industrial/Institutional. Disinfectant. Cleaning product.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-0902
Phone: 1-888-352-2249
MSDS Internet Address:
www.johnsondiversey.com

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES EYE AND SKIN BURNS. MAY BE FATAL IF ABSORBED THROUGH SKIN. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure:

Eye contact. Skin contact. Inhalation. Ingestion.

Eye contact:

Corrosive. Causes irreversible eye damage. Causes permanent eye damage, including blindness.

Skin contact:

Corrosive. May cause permanent damage. Harmful if absorbed through skin.

Inhalation:

May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion:

Corrosive. May cause burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

| Ingredient(s) | CAS # | Weight % | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|---|------------|----------|-------------------------|----------------------|-----------------------|
| Diocetyl dimethyl ammonium chloride | 5538-94-3 | 0.8175 | Not available | Not available | Not available |
| N-alkyl Dimethyl Benzyl Ammonium Chloride | 68424-85-1 | 2.17 | 426 | Not available | Not available |
| Di-n-alkyl dimethyl ammonium chloride | 68424-95-3 | 1.627 | 61 | Not available | Not available |
| Didecyl dimethyl ammonium chloride | 7173-51-5 | 0.8175 | 84 | Not available | Not available |
| Ethyl alcohol | 64-17-5 | 1 - 5% | 1501 | Not available | =124.7 mg/L (4 h) |

4. FIRST AID MEASURES

Eye contact:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention immediately.

Skin contact:

Take off contaminated clothing. Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation:

If breathing is affected, remove to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably by mouth to mouth, if possible. Get medical attention immediately.

Ingestion:

Call medical attendant, doctor, or poison control center immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Notes to physician:

Probable mucosal damage may contraindicate the use of gastric lavage.

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: Dry chemical, water spray, foam, carbon dioxide.
Specific hazards: None known.
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: Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. Use appropriate containment to avoid environmental contamination. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. 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. FOR COMMERCIAL AND INDUSTRIAL USE ONLY..
Storage: Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing. Store in a cool, dry, well ventilated area away from heat or open flame. Keep out of the 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. Includes: Neoprene gloves.
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: If aerosols, mists, or vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over-exposure. 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: Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

| Ingredient(s) | CAS # | ACGIH | OSHA | Mexico |
|---------------|---------|----------------|--|--|
| Ethyl alcohol | 64-17-5 | 1000 ppm (TWA) | 1000 ppm (TWA) 1900 mg/m ³ (TWA) | 1000 ppm (TWA) 1900 mg/m ³ (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|--------------------------|---|---------------------------|
| Physical State: | Liquid | Bulk density: | No information available |
| pH: | 7.0 | Dilution pH: | No information available. |
| Appearance: | No information available | Vapor density: | No information available |
| Color: | Green | Evaporation Rate | No information available |
| Odor: | Fresh | Boiling point/range: | Not determined |
| Specific gravity: | 1.01 | Melting point/range: | Not determined |
| Density: | 8.38 | Decomposition temperature: | No information available |
| VOC: | 1.3% * | Autoignition temperature: | No information available |
| Flash point: | >200°F >93.3°C | Partition coefficient (n-octanol/water): | No information available |
| Solubility: | completely soluble | Solubility in other solvents: | No information available |
| Viscosity: | No information available | Elemental Phosphorus: | 0.0 %P |

* - 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 known.
Materials to avoid: Oxidising agents.

10. STABILITY AND REACTIVITY

Conditions to avoid: Do not freeze.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Corrosive; LD50 estimated to be between 500 - 5000 mg/kg.

Component Information: See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects: No information available.

Mutagenic effects: None known

Reproductive toxicity: None known

Target organ effects: None known

Hazardous ingredients

| Ingredient(s) | CAS # | NTP | IARC | OSHA |
|---------------|---------|-----|------|------|
| Ethyl alcohol | 64-17-5 | X | | X |

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

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

Waste from residues / unused products:

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

Pesticide Storage:

Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

Do not reuse empty container. Triple rinse empty container with water. Offer empty metal or plastic containers for recycling when available. Return metal drum or offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke.

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), Australia (AICS), Korea (ECL), China (IECSC).

U.S. Regulations

EPA Reg. No. : 1839-169-70627

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

CERCLA/ SARA

None

SARA 311/312 Hazard Categories

| | |
|-----------------------------|---|
| Immediate: | Y |
| Delayed: | N |
| Fire: | N |
| Reactivity: | N |
| Sudden Release of Pressure: | N |

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

16. OTHER INFORMATION

Additional advice: None

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