


# CREW RESTROOM FLOOR & SURFACE SC NON-ACID DISINFECTANT CLEANER

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3
	Health		1	
	Reactivity		Reactivity	0
Specific Hazard				
Protective Clothing		Emergency Overview	Green. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.	

Section 1. Chemical Product and Company Identification				
Product Name	<b>CREW RESTROOM FLOOR &amp; SURFACE SC NON-ACID DISINFECTANT CLEANER</b>		Code	4729 & 4739
Product Use	Industrial/Institutional: Disinfectant. This product is intended to be diluted prior to use.		PMS#	444556
MSDS#	126807001		Validation Date	4/26/2004
U.S. Headquarters	<b>Canadian Headquarters</b>		Print Date	4/26/2004
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com	JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131		Supersedes In Case of Emergency	No Previous Validation (800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Diocetyl Dimethyl Ammonium Chloride		3.255		
Didecyl Dimethyl Ammonium Chloride	7173-51-5	3.255	Not available.	ORAL (LD50): Acute: 84 mg/kg [Rat]. 268 mg/kg [Mouse].
Di-N-Alkyl Dimethyl Ammonium Chloride	68424-95-3	6.510	Not available.	Not available.
n-Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	8.68	Not available.	ORAL (LD50): Acute: 426 mg/kg [Rat]. 919 mg/kg [Mouse].
Ethyl Alcohol	64-17-5	5-10	<b>OSHA (United States).</b> TWA: 1900 mg/m <sup>3</sup> <b>ACGIH (United States).</b> TWA: 1880 mg/m <sup>3</sup> <b>ACGIH TLV (United States, 2003). Notes: 1996</b> <b>Adoption Refers to Appendix A -- Carcinogens.</b> TWA: 1880 mg/m <sup>3</sup> 8 hour(s). TWA: 1000 ppm 8 hour(s). <b>OSHA PEL (United States, 1993). Notes:</b>	ORAL (LD50): Acute: 7060 mg/kg [Rat]. 6300 mg/kg [Rabbit]. 3450 mg/kg [Mouse]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].

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TWA: 1900 mg/m <sup>3</sup> 8 hour(s).
TWA: 1000 ppm 8 hour(s)

**Section 3. Hazards Identification**

**Routes of Entry** Eye contact. Skin contact

**Potential Acute Health Effects**

*Eyes* Corrosive. May cause permanent damage including blindness.

*Skin* Corrosive. May cause permanent damage. May be fatal if absorbed through the skin.

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

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

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

See Toxicological Information (section 11)

**Section 4. First Aid Measures**

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

**Skin Contact** Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

**Inhalation** If breathing is difficult: Remove to fresh air. Get medical attention immediately.

**Ingestion** Do not induce vomiting! Drink milk, egg white or gelatin solution. If these are not available, drink large quantities of water. 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.

**Section 5. Fire Fighting Measures**

**Flammability of the Product** Although this product has a flash point below 200 Deg. F, it is an aqueous solution containing an alcohol and does not sustain combustion.

**Flash Points** Closed cup: 55°C (130°F).

**Products of Combustion** None known.

**Fire Fighting Media and Instructions** Use water spray to keep fire exposed containers cool. dry chemical, carbon dioxide.

**Protective Clothing (Fire)** Put on appropriate personal protective equipment (see Section 8).

**Special Remarks on Fire and Explosion Hazards** Material may burn in heat of fire. Corrosive material (See sections 8 and 10).

**Section 6. Accidental Release Measures**

**Personal Precautions** Put on appropriate personal protective equipment (see Section 8).

**Environmental Precautions and Clean-up Methods** Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

**Section 7. Handling and Storage**

**Handling** Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. After handling, always wash hands thoroughly with soap and water. 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. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

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**Storage** Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

**Section 8. Exposure Controls/Personal Protection**

**Engineering Controls** Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

**Personal Protection**

**Eyes** Chemical splash goggles.

**Hands** Chemical resistant gloves. Includes: Rubber gloves. Neoprene gloves.

**Respiratory** If mists/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.

**Feet** No special requirements under normal use conditions.

**Body** If major exposure is possible, wear suitable protective clothing and footwear.

**Section 9. Physical and Chemical Properties**

**Physical State and Appearance** Liquid.

**Odor** Fresh.

**Color** Green.

**pH** 6.5 to 8 [Neutral.]

**Specific Gravity** 1.02

**Solubility in water** Complete.

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Conditions of Instability** Excessive heat.

**Incompatibility with Various Substances** Slightly reactive to reactive with oxidizing agents, acids.

**Hazardous Decomposition Products** When exposed to fire: Produces normal products of combustion.

**Hazardous Polymerization** Will not occur.

**Section 11. Toxicological Information**

**Acute toxicity** ORAL (LD50) Corrosive.

**Effects of Chronic Exposure** None known.

**Other Toxic Effects** None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

**Waste Information** Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations  
PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes.

**Section 14. Transport Information**

**DOT Classification**

**DOT Proper Shipping Name** Please refer to the Bill of Lading/receiving documents for up to date shipping information.

**TDG Classification**

**TDG Proper Shipping Name** Please refer to the Bill of Lading/receiving documents for up to date shipping information.  
**TDG Class**

**Section 15. Regulatory Information**

**Reporting in this section is based on ingredients disclosed in Section 2**

**US Regulations**

**Federal** CERCLA: Hazardous substances.: Ethyl Alcohol

**State** New Jersey: Ethyl Alcohol  
Massachusetts spill list: Ethyl Alcohol  
Massachusetts RTK: Ethyl Alcohol  
Pennsylvania RTK: Ethyl Alcohol

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

**Registered Product Information** EPA Registration Number: 1839-167-70627

**Canadian Regulations**

**Canadian NPRI** Not applicable.

**WHMIS Classification** Not applicable.

**WHMIS Icon**

**Registered Product Information** Not applicable.

**Chemical Inventory Status** All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Section 16. Other Information**

**Other Special Considerations** MSDS Serial Range: serial 1 - serial 2

**Version** 1.02

**Notice to Reader**

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