


# CREW BATHROOM CLEANER & SCALE REMOVER

<b>National Fire Protection Association (NFPA)</b>	<div><div>Fire Hazard</div><div><div>Health</div><div>Reactivity</div></div><div>Specific Hazard</div></div>	<b>Hazardous Material Information System (HMIS)</b>	<table><tr><td>Health</td><td>2</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	2	Fire Hazard	0	Reactivity	0
Health	2								
Fire Hazard	0								
Reactivity	0								
<b>Protective Clothing</b> 	<b>Emergency Overview</b>	Purple. Liquid. See Section 9. WARNING: CAUSES EYE AND SKIN IRRITATION.							

## Section 1. Chemical Product and Company Identification

Product Name	<b>CREW BATHROOM CLEANER &amp; SCALE REMOVER</b>	Code	3145310 & 3172650
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.	PMS#	3176714
MSDS#	F-00420001	Validation Date	10/21/2003
U.S. Headquarters JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversey.com	<b>Canadian Headquarters</b> JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-888-746-5971	Print Date	10/21/2003
		Supersedes	10/9/2003
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Hydroxyacetic acid	79-14-1	1-5	Not available.	ORAL (LD50): Acute: 1950 mg/kg [Rat]. Not available. Not available.
Alcohol Ethoxylate	68002-97-1	5-10	Not available.	
Potassium Dodecylbenzene Sulfonate	27177-77-1	10-30	Not available.	
Diethylene Glycol Butyl Ether	112-34-5	10-30	Not available.	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 2700 mg/kg [Rabbit]. Not available.
Water	7732-18-5	30-60	Not available.	

## Section 3. Hazards Identification

Routes of Entry	Inhalation. Skin contact. Eye contact.
Potential Acute Health Effects	
<i>Eyes</i>	May be severely irritating to eyes.
<i>Skin</i>	May be moderately irritating to skin.
<i>Inhalation</i>	None known.
<i>Ingestion</i>	May be irritating to mouth, throat and stomach.
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

#### Section 4. First Aid Measures

<b>Eye Contact</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
<b>Skin Contact</b>	Flush immediately with plenty of water. If irritation persists, get medical attention.
<b>Inhalation</b>	No specific first aid measures are required.
<b>Ingestion</b>	Immediately drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

#### Section 5. Fire Fighting Measures

<b>Flammability of the Product</b>	None known.
<b>Flash Points</b>	Closed cup: >93.333°C (200°F).
<b>Products of Combustion</b>	None known.
<b>Fire Fighting Media and Instructions</b>	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
<b>Special Remarks on Fire and Explosion Hazards</b>	None known.

#### Section 6. Accidental Release Measures

<b>Personal Precautions</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental Precautions and Clean-up Methods</b>	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

#### Section 7. Handling and Storage

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

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

<b>Engineering Controls</b>	No special ventilation requirements. General room ventilation is adequate.
<b>Personal Protection</b>	
<i>Eyes</i>	Safety glasses with side shields.
<i>Hands</i>	No special requirements under normal use conditions. For prolonged or repeated contact with skin: Rubber gloves. Neoprene gloves.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing.

#### Section 9. Physical and Chemical Properties

<b>Physical State and Appearance</b>	Liquid.
<b>Odor</b>	Herbal
<b>Color</b>	Purple.
<b>pH</b>	3.6-3.9
<b>Specific Gravity</b>	1.085
<b>Solubility in water</b>	Complete.

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Conditions of Instability</b>	None known.
<b>Incompatibility with Various Substances</b>	DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS. Can react to release hazardous vapors.
<b>Hazardous Decomposition Products</b>	When exposed to fire: Produces normal products of combustion.
<b>Hazardous Polymerization</b>	Will not occur.

**Section 11. Toxicological Information**

<b>Acute toxicity</b>	ORAL (LD50) Estimated to be greater than 2000 mg/kg (rat). DERMAL (LD50) Estimated to be greater than 2000 mg/kg (rat).
<b>Effects of Chronic Exposure</b>	None known.
<b>Other Toxic Effects</b>	None known.

**Section 12. Ecological Information**

Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	No special precautions. Dispose of according to all federal, state and local applicable regulations.
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**Section 14. Transport Information**
**DOT Classification**

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

<b>TDG Proper Shipping Name</b>	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
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**Section 15. Regulatory Information**
**Reporting in this section is based on ingredients disclosed in Section 2**
**US Regulations**

**Federal** CERCLA: Hazardous substances.: Diethylene Glycol Butyl Ether

**State** New Jersey spill list: Diethylene Glycol Butyl Ether  
 New Jersey: Diethylene Glycol Butyl Ether  
 Pennsylvania RTK: Diethylene Glycol Butyl Ether

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

**Registered Product Information** Not applicable.

**Canadian Regulations**

**WHMIS Classification** CLASS D-2B: Material causing other toxic effects (TOXIC).

**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**

This product contains fragrance.

**Version**

1.04

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