



→ CREW SHOWER, TUB & TILE CLEANER HC

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3	
	Health		Reactivity	0	
				Reactivity	0
Protective Clothing			Emergency Overview	Dark Red. 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	CREW SHOWER, TUB & TILE CLEANER HC		Code	4970 & 3063453 & 3063461
Product Use	Industrial/Institutional: Washroom care. This product is intended to be diluted prior to use.		PMS#	3131954
MSDS#	114608002		Validation Date	7/23/2003
U.S. Headquarters	Canadian Headquarters		Print Date	7/23/2003
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (800) 725-6737 MSDS Internet Address: www.johnsondiversev.com	JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-888-746-5971		Supersedes	7/23/2003.
			In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Diethyl phthalate	84-66-2	0.1 - <1.0	ACGIH (United States). TWA: 5 mg/m ³ OSHA (United States). TWA: 5 mg/m ³	Not available.
Fragrance		1-5	Not available.	Not available.
Sodium Lauriminodipropionate	14960-06-6	1-5	Not available.	Not available.
Alcohol Ethoxylates	68439-46-3	10-30	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
Phosphoric Acid	7664-38-2	30-60	OSHA (United States). TWA: 1 mg/m ³ STEL: 3 mg/m ³ ACGIH (United States). TWA: 1 mg/m ³ STEL: 3 mg/m ³	ORAL (LD50): Acute: 1530 mg/kg [Rat]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit].
Water	7732-18-5	30-60	Not available.	Not available.

Section 3. Hazards Identification	
Routes of Entry	Eye contact. Skin contact Inhalation.
Potential Acute Health Effects	<p><i>Eyes</i> Corrosive. May cause permanent damage including blindness.</p> <p><i>Skin</i> Corrosive. May cause permanent damage.</p> <p><i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><i>Ingestion</i> Corrosive. May cause burns to mouth, throat, and stomach.</p>
Medical Conditions	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! Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Closed cup: >93.333°C (200°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
Special Remarks on Fire and Explosion Hazards	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	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

Handling	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. 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. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
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	<p><i>Eyes</i> Chemical splash goggles.</p> <p><i>Hands</i> Chemical resistant gloves. Includes: Neoprene gloves. Rubber gloves.</p> <p><i>Respiratory</i> 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.</p> <p><i>Feet</i> Protective footwear.</p> <p><i>Body</i> If major exposure is possible, wear suitable protective clothing and footwear.</p>

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Powder.
Color	Dark Red.
pH	<1[Acidic.]
Specific Gravity	1.4
Boiling/Condensation Point	>93°C (200°F)
Melting/Freezing Point	0°C (32°F)

Solubility in water Dispersible.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with alkalis. Slightly reactive to reactive with metals. Avoid mixing with: Chlorine products. Can react to give chlorine gas. If this occurs leave area immediately. Do not return for half hour.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion. Toxic decomposition products include: Oxides of phosphorous.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	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 regulations.

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 SARA 313 toxic chemical notification and release reporting: Phosphoric Acid
 Clean Water Act (CWA) 307: Diethyl phthalate
 Clean Water Act (CWA) 311: Phosphoric Acid
 CERCLA: Hazardous substances.: Phosphoric Acid, Diethyl phthalate

State New Jersey spill list: Phosphoric Acid, Diethyl phthalate
 New Jersey: Phosphoric Acid, Diethyl phthalate
 Massachusetts spill list: Phosphoric Acid, Diethyl phthalate
 Massachusetts RTK: Phosphoric Acid, Diethyl phthalate
 Pennsylvania RTK: Phosphoric Acid, Diethyl phthalate

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

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: Phosphoric Acid, Diethyl phthalate.
WHMIS Classification Class E: Corrosive liquid.

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 Not available.

Version 2.01

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