



CREW SHOWER, TUB & TILE CLEANER SC

National Fire Protection Association (NFPA)	Fire Hazard		Hazardous Material Information System (HMIS)	Health	3	
	Health			3	Fire Hazard	0
	Reactivity			1	Reactivity	1
Protective Clothing				Emergency Overview Dark Pink. 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 SC	Code	4605, 4607
Product Use	Industrial/Institutional: Washroom care. This product is intended to be diluted prior to use.	PMS#	Not available.
MSDS#	114607005	Validation Date	11/10/2004
U.S. Headquarters	Canadian Headquarters	Print Date	11/10/2004
JohnsonDiversey, Inc. 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.johnsondiversevy.com	JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131	Supersedes	11/14/2001
		In Case of Emergency	(800) 851-7145

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Alcohol Ethoxylates	68439-46-3	1 - 5	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
Phosphoric Acid	7664-38-2	10 - 30	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 ACGIH TLV (United States, 2003). Notes: STEL: 3 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 1 mg/m ³ 8 hour(s)	ORAL (LD50): Acute: 1530 mg/kg [Rat]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit]. VAPOR (LC50): Acute: >850 mg/m ³ 1 hour(s) [Rat].
Water	7732-18-5	60 - 100	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry Eye contact. Skin contact Inhalation.

Potential Acute Health Effects

Eyes Corrosive. May cause permanent damage including blindness.

Skin Corrosive. May cause permanent damage.

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 None known.

Aggravated by

Overexposure:

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 1-2 glasses 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 Higher than 93.3°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

Eyes Chemical splash goggles. Face shield.

Hands Chemical resistant gloves. Includes: Neoprene gloves. Rubber 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 Protective footwear.

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

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Odor Powder.

Color Dark Pink.

pH 0.77 [Acidic.]

Specific Gravity 1.08

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. Chlorine products. Slightly reactive to reactive with metals. Do not mix with chlorinated 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 302/304/311/312 hazardous chemicals: Phosphoric Acid
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Phosphoric Acid
Clean Water Act (CWA) 311: Phosphoric Acid
CERCLA: Hazardous substances.: Phosphoric Acid

State New Jersey spill list: Phosphoric Acid
New Jersey: Phosphoric Acid
Massachusetts spill list: Phosphoric Acid
Massachusetts RTK: Phosphoric Acid
Pennsylvania RTK: Phosphoric Acid

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.

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. All the ingredients are on the DSL list.

Section 16. Other Information

Other Special Considerations	Not available.
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