

MATERIAL SAFETY DATA SHEET



CREW SHOWER, TUB & TILE CLEANER HC

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

Version Number: 0

Preparation date: 2010-06-17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: CREW SHOWER, TUB & TILE CLEANER HC

MSDS #: MS0300686
Product Code: 04970, 5497693
Recommended use: Restroom Care. This product is intended to be diluted prior to use.

Manufacturer, Importer, supplier:
 US Headquarters
 Diversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-1964
 Phone: 1-888-352-2249
 MSDS Internet Address: www.diversey.com
Emergency telephone number:

Canadian Headquarters
 Diversey, Inc. - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. Causes permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Phosphoric acid	7664-38-2	60 - 70%	1530	2730 mg/kg	>>850 mg/m ³ (1 h)
Diethyl phthalate	84-66-2	0.1 - 1.5%	8600	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: If swallowed, rinse mouth. Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Specific hazards: Not applicable
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: Use personal protective equipment
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. 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. Mix only with water. **DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS.** Can react to release chlorine gas. **FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**
Storage:
 Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. **KEEP OUT OF 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
Skin and body protection: Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. 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: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Phosphoric acid	7664-38-2	3 mg/m ³ (STEL) 1 mg/m ³ (TWA)	1 mg/m ³ (TWA)	3 mg/m ³ (STEL) 1 mg/m ³ (TWA)
Diethyl phthalate	84-66-2	5 mg/m ³ (TWA)		10 mg/m ³ (STEL) 5 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Appearance: Liquid
Specific gravity: 1.3613
Vapor density: No information available
Boiling point/range: Not determined
Decomposition temperature: Not determined
Solubility: Completely Soluble
Solubility in other solvents: No information available
Partition coefficient (n-octanol/water): No information available
Elemental Phosphorus: 16.77 % by wt.
pH: 0.56
Explosion limits: - upper: Not determined - lower: Not determined
Bulk density: No information available
Evaporation Rate: No information available
Color: Clear Dark Red
Odor: Fresh
Melting point/range: Not determined
Autoignition temperature: No information available
Density: 11.34 lbs/gal 1.36 Kg/L
Flash point: > 200 °F > 93.4 °C
Viscosity: No information available
VOC: 0 % *
Dilution pH: 1.03 @ 1:40

* - 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 reasonably foreseeable.
Materials to avoid: Strong bases. Ammonia. Oxidizing agents. Do not mix with chlorinated products.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Corrosive. Oral LD50 estimated to be between 4000 - 5000 mg/kg . Dermal LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:
Dispose of according to all federal, state and local applicable regulations. Undiluted product is regulated under environmental and transportation laws as a corrosive waste.
RCRA Hazard Class: D002

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

DOT Bill of Lading Description: UN3264, CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (PHOSPHORIC ACID), 8, III, LTD. QTY.

IMDG Bill of Lading Description: UN3264, Corrosive liquid, acidic, inorganic, n.o.s., (Phosphoric acid), 8, III, Ltd. Qty.

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

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

RIGHT TO KNOW (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Sodium laurimlnodipropionate	14960-06-6	-	-	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-
Phosphoric acid	7664-38-2	X	X	X	X
Water	7732-18-5	-	-	-	-
Diethyl phthalate	84-66-2	X	X	X	X

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Phosphoric acid	7664-38-2	60 - 70%	5000		
Diethyl phthalate	84-66-2	0.1 - 1.5%	1000		

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Diethyl phthalate			X

SARA 311/312 Hazard Categories

Immediate: x
 Delayed: -
 Fire: -
 Reactivity: -
 Sudden Release of Pressure: -

Canada

WHMIS hazard class: E Corrosive material



Ingredient(s)	CAS #	NPRI
Diethyl phthalate	84-66-2	X

16. OTHER INFORMATION

Reason for revision: Not applicable
 Prepared by: NAPRAC
 Additional advice: Contains an added fragrance, see "Odor" heading in section 9 for specific description.

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