



**CREW SHOWER, TUB & TILE CLEANER HC**

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

Version Number: 1

Preparation date: 2006-03-10

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** CREW SHOWER, TUB & TILE CLEANER HC

**MSDS #:** 114608002

**Product code:** 04970, 114608002, 3063453, 3063461

**Recommended use:** Industrial/Institutional. Restroom Care. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**  
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.johnsondiversevy.com .

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

**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México).

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED.

**Principle 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**

**HAZARDOUS COMPONENTS**

Ingredient(s)	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Phosphoric acid.	7664-38-2	50 - 60%	1.25 g/kg (rat)	2740 mg/kg (rabbit)	25.5 mg/m <sup>3</sup> (rat)

**4. FIRST AID MEASURES**

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

**Skin contact:** Flush immediately with plenty of water for at least 15-20 minutes. Get medical attention immediately.

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

**Ingestion:** If swallowed, 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:** Dry chemical, water spray, foam, carbon dioxide.

**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

<b>Personal precautions:</b>	Put on appropriate personal protective equipment (see Section 8.).
<b>Environmental precautions and clean-up methods:</b>	Use appropriate containment to avoid environmental contamination. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. 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. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:**  
Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF THE 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

<b>Eye protection:</b>	Chemical splash goggles.
<b>Hand protection:</b>	Chemical resistant gloves
<b>Skin and body protection:</b>	Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.
<b>Respiratory protection:</b>	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.
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Phosphoric acid.	7664-38-2	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)	1 mg/m <sup>3</sup> (TWA)	3 mg/m <sup>3</sup> (STEL) 1 mg/m <sup>3</sup> (TWA)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Bulk density:</b>	No information available.
<b>pH:</b>	1	<b>Dilution pH:</b>	1.60
<b>Appearance:</b>	Aqueous solution	<b>Vapor density:</b>	No information available.
<b>Color:</b>	Red	<b>Evaporation Rate</b>	No information available.
<b>Odor:</b>	Powder	<b>Boiling point/range:</b>	Not determined.
<b>Specific gravity:</b>	1.385	<b>Melting point/range:</b>	Not determined.
<b>Density:</b>	11.30 lbs/gal	<b>Decomposition temperature:</b>	Not determined.
<b>VOC:</b>	0 %	<b>Autoignition temperature:</b>	No information available.
<b>Flash point:</b>	>200 (°F) >93.3 (°C)	<b>Viscosity:</b>	No information available.
<b>Solubility:</b>	Soluble	<b>Partition coefficient (n-octanol/water):</b>	No information available.
		<b>Solubility in other solvents:</b>	No information available.

Elemental Phosphorous: 16.8

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	The product is stable.
<b>Polymerization:</b>	Hazardous polymerization does not occur.
<b>Hazardous decomposition products:</b>	Oxides of phosphorus.
<b>Materials to avoid:</b>	Do not mix with chlorinated products. Metals. Ammonia.
<b>Conditions to avoid:</b>	Do not freeze.

## 11. TOXICOLOGICAL INFORMATION

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

## 11. TOXICOLOGICAL INFORMATION

Target organ effects: None known .

## 12. ECOLOGICAL INFORMATION

Environmental Information: No data available.

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues / unused products:

Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local applicable regulations .

## 14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information .

## 15. REGULATORY INFORMATION

### International Inventories

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

### U.S. Regulations

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

### STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water.	7732-18-5	-.	-.	-.	-.
Phosphoric acid.	7664-38-2	X	X	-.	X
Alcohol ethoxylates.	68439-46-3	-.	-.	-.	-.
Sodium lauriminodipropionate.	14960-06-6	-.	-.	-.	-.
Fragrance.	TS*	-.	-.	-.	-.

### CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Phosphoric acid.	7664-38-2	50 - 60%	5000		

### SARA 311/312 Hazard Categories

Immediate: Y  
Delayed: N  
Fire: N  
Reactivity: N  
Sudden Release of Pressure: N

### Canada

WHMIS hazard class: E Corrosive material .



## 16. OTHER INFORMATION

Reason for revision: Not applicable.  
Prepared by: NAPRAC.  
Additional advice: None.

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