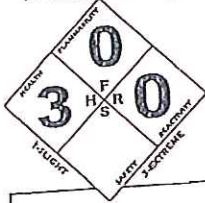


NFPA RATING
0 = none to
4 = hazardous rating



Shower Room Cleaner S-17607-C

DATE PREPARED: 4/30/07
DATE REVISED: 03/5/09
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MATERIAL SAFETY DATA SHEET (MSDS) Per 29 CFR 1910.1200

SECTION I



PEN Products
Indiana Department of Correction
6075 Lakeside Boulevard
Indianapolis, Indiana 46278

Toll Free: (800) PEN-2550
Direct: (317) 388-8580

24-Hour Emergency Number - Chemtrec (800)424-9300

Identity [As listed on label]: Shower Room Cleaner

HMIS Hazard Ratings:	
Health:	3
Flammability:	0
Reactivity:	0
PPE:	B

SECTION II - HAZARDS IDENTIFICATION

Emergency overview

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Causes severe skin and eye burns. Prolonged exposure may cause chronic effects.

Potential short term health effects

- Eyes
- Skin
- Inhalation
- Ingestion

Corrosive to the eyes and may cause severe damage including blindness. Contact may irritate or burn skin. Inhalation of vapors or mists of the product may be irritating to the respiratory system. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract. Eyes. Respiratory system. Skin. May cause delayed lung damage. Discomfort in the chest. Shortness of breath. Cough. Severe eye irritation. Skin irritation.

- Target organs
- Chronic effects
- Signs & symptoms

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous component(s)	CAS #	Percent
Phosphoric acid	7664-38-2	< 40

SECTION IV - FIRST AID MEASURES

First aid procedures

- Eye contact
- Skin contact
- Inhalation
- Ingestion

Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately. Remove and isolate contaminated clothing and shoes. Wash with soap and water. Get medical attention immediately. Move to fresh air. If breathing is difficult, give oxygen. Call a physician if symptoms develop or persist. If swallowed, do NOT induce vomiting. Have victim rinse mouth thoroughly with water. Immediately give large quantities of water to drink. If ingestion of a large amount does occur, seek medical attention. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

General advice

SECTION V - FIRE FIGHTING MEASURES

- Flammable properties
- Extinguishing media
- Suitable extinguishing media

None known

Small Fires: Dry chemical, CO2, water spray or regular foam.
Large Fires: Water spray, fog or regular foam.



SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions	Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Never return spills in original containers for re-use. Large Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. Should not be released into the environment.

SECTION VII - HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes.
Storage	Use care in handling/storage. Keep out of the reach of children. Keep at temperatures between 4 and 49°C.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines	
ACGIH -Threshold Limits Values -Short Term Exposure Limits (TLV-STEL)	
Phosphoric acid 7664-38-2 3 Mg/m ³ STEL	
ACGIH -Threshold Limits Values -Time Weighted Averages (TLV-TWA)	
Phosphoric acid 7664-38-2 1 Mg/m ³ TWA	
ACGIH -Threshold Limits Values - TLV Basis - Critical Effects	
Phosphoric acid 7664-38-2 eye, skin and upper respiratory tract irritation	
U.S. - OSHA - Final PELs -Time Weighted Averages (TWAs)	
Phosphoric acid 7664-38-2 1 Mg/m ³ TWA	
Engineering controls	Good general ventilation should be sufficient to control airborne levels.
Personal protective equipment	
Eye /face protection	Avoid contact with the skin and the eyes. Wear as appropriate: safety glasses with side-shields or goggles or face-shield
Skin protection	PVC disposable gloves. Neoprene gloves. Impervious butyl rubber gloves.
Respiratory protection	Under normal conditions, respirator is not normally required. If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.
General hygiene considerations	Avoid contact with the skin and the eyes.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance	Not available
Color	Pink
Form	Liquid.
Odor	Mild acidic
Odor threshold	Not available
pH	< 1
Freezing point	Not available
Boiling point	218 °F
Flash point	> 218 °F Pensky-Martens Closed Cup
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.2
Solubility (H ₂ O)	100 %
VOC (Weight%)	0.0015 % w/w

SECTION X - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical stability	Stable at normal conditions.
Conditions to avoid	Do not freeze. Contact with most metals produces highly



PEN Products
Indiana Department of Correction

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PRODUCT NUMBER: S-17607-C
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SECTION XI - TOXICOLOGICAL INFORMATION

Acute effects Acute LD50: 4309 mg/kg, Rat, Oral
Acute LD50: 8530 mg/kg, Rat, Dermal
Causes burns. Causes severe burns.

Local effects Irritating to respiratory system.

Chronic effects Prolonged or repeated exposure may cause lung injury. Prolonged exposure may cause chronic effects.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity Components of this product have been identified as having potential environmental concerns.

Environmental effects Harmful to aquatic life.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste codes D002: Waste Corrosive material [pH <=2 or >=12.5, or corrosive to steel]

Disposal instructions Dispose in accordance with all applicable regulations. This material and its container must be disposed of as hazardous waste.

SECTION XIV - TRANSPORT INFORMATION

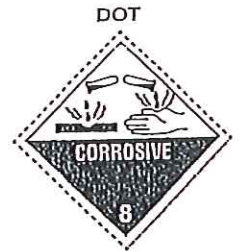
Department of Transportation (DOT) Requirements

Basic shipping requirements:

Proper shipping name	Phosphoric acid solution
Hazard class	8
UN number	UN1805
Packaging group	III

Additional information:

Special provisions	A7, IB3, N34, T4, TP1
Packaging exceptions	154
Packaging non bulk	203
Packaging bulk	241
ERG number	154



Department of Transportation (DOT) Requirements NON-BULK

Basic shipping requirements:

Proper shipping name	Phosphoric acid solution.
Hazard class	8
UN number	UN1805
Packaging group	III

Additional information:

Special provisions	A7, IB3, N34, T4, TP1
Packaging exceptions	154
Packaging non bulk	203
Packaging bulk	241



IATA

Basic shipping requirements:

Proper shipping name	Phosphoric acid solution.
Hazard class	8
UN number	UN1805
Packaging group	III

Additional information:

Packaging exceptions	154
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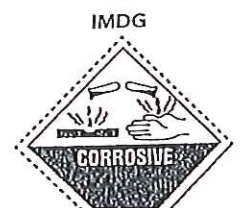


IMDG

Basic shipping requirements:

Proper shipping name	Phosphoric acid solution.
Hazard class	8
UN number	UN1805
Packaging group	III

Additional information:





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 Indiana Department of Correction

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SECTION XV - REGULATORY INFORMATION

US federal regulations	All components are on the U.S. EPA TSCA Inventory List.
Occupational Safety and Health Administration (OSHA)	
29 CFR 1910.1200 hazardous chemical	Yes
CERCLA (Superfund) reportable quantity	None
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard -- Yes Delayed Hazard -- Yes Fire Hazard -- No Pressure Hazard -- No Reactivity Hazard -- No
Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes
Inventory status	
Country(s) or region	Inventory name
Australia	Australian Inventory of Chemical Substances (AICS)
Canada	Domestic Substances List (DSL)
China	Inventory of Existing Chemical Substances in China (ICES)
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory
International regulations	The product is classified and labelled in accordance with EC directives or respective national laws.
State regulations	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION XVI - OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.