

**Section 1 - Chemical Product / Company Information**

Product Name:	<b>Efflorescence Remover</b>	Revision Date:	03/17/2006
Identification Number:	<b>SWER</b>	Supercedes :	03/17/2006
Supplier:	Spec-West 10054 Mills Station Road Sacramento, CA 95827 916-361-1300	Preparer:	K. Woods
		Emergency #	800-424-9300 Chemtrec

**Section 2 - Composition / Information On Ingredients**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt % Less Than</u>	<u>ACGIH TLV -TWA</u>	<u>ACGIH TLV -STEL</u>	<u>OSHA PEL</u>	<u>OSHA PEL -Ceiling</u>
Phosphoric acid	7664-38-2	15%		1		1

**Section 3 - Hazards Identification**

\*\*\* EMERGENCY OVERVIEW \*\*\*: No Information.

Effects Of Overexposure – Corrosive. May cause severe burns to eyes and skin. Ingestions may cause burns to mouth, throat, esophagus, and stomach. Inhalation of mist may result in mild irritation of nasal mucous membranes to severe irritation to the respiratory tract.

Chronic Effects of Overexposure: None known

Medical conditions that may be aggravated by exposure: None known

Primary Route(s) Of Entry: Ingestion, skin contact, inhalation of mist.

**Section 4 - First Aid Measures**

First Aid - Eye Contact: Flush thoroughly with plenty of water for at least 30 minutes or until medical attention is obtained. Get medical attention.

First Aid - Skin Contact: Flush thoroughly from skin with water for at least 15 minutes. If burns are present or if irritation persists, seek medical attention.

First Aid - Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get prompt medical attention.

First Aid - Ingestion: Drink large quantities of water or milk and call a physician immediately. **DO NOT INDUCE VOMITING.** If vomiting occurs, give more water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

## Section 5 - Fire Fighting Measures

Flash Point, F: None  
(TCC)

Lower Explosive Limit, %: N/A  
Upper Explosive Limit, %: N/A

Extinguishing Media: Water, Co2, foam, dry chemical

Unusual Fire And Explosion Hazards: None

Special Firefighting Procedures: Wash down any metal in contact with product with plenty of water. If large quantities are present, use self contained breathing apparatus.

## Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Prevent spread of spill by diking. Dilute with water and neutralize with lime or soda ash. Flush neutralized solution to sewer with plenty of water or absorb neutral material on an absorbent. Place absorbed material in a closed container.

## Section 7 - Handling And Storage

Precautions to be taken in handling and storage: Store in closed container. Wash thoroughly after handling.

Other Precautions: None

## Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Ventilation: Use with adequate ventilation.

Respiratory Protection: For mist, use NIOSH approved respirator with acid gas canister.

Skin Protection: Wear protective gear as needed - apron, suit, boots. Wear impervious gloves to prevent contact with skin.

Eye Protection: Safety goggles and/or face shield.

Protective Gloves: Impervious gloves – synthetic rubber, neoprene.

Other protective equipment: None

Hygienic Practices: Do not eat, drink, or smoke in areas where this material is used. Wash thoroughly after handling.

## Section 9 - Physical And Chemical Properties

Boiling Range:	About 200 F	Vapor Density:	N/A
Odor:	Acidic odor	pH:	N.D.
Appearance:	Clear, colorless liquid	Evaporation Rate:	<1 (n-butyl acetate=1)
Solubility in H2O:	100%	Viscosity:	N.D.
Freeze Point:	N.D.	Specific Gravity:	1.05-1.10
Vapor Pressure:	N/A		
Physical State:	Liquid		(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

Conditions To Avoid: None

Incompatibility: Alkalis, chlorine bleaches, ammonia, metals

Hazardous Decomposition: Hydrogen chloride

Hazardous Polymerization: Will not occur

Stability: Stable

## Section 11 - Toxicological Information

Toxicological Information: N.D.

## Section 12 - Ecological Information

Ecological Information: N.D.

## Section 13 - Disposal Information

Disposal Information: Dispose of waste in accordance with all local, state and federal regulations.

## Section 14 - Transportation Information

### Domestic Shipments:

Container volume – greater than 4 liters:

Corrosive Liquid, n.o.s (Phosphoric Acid), 8, UN1760, PG III, ERG#154

Container volume – 4 liters or less: Consumer Commodity, ORM-D

### International Shipments:

Corrosive Liquid, n.o.s. (Phosphoric Acid), 8, UN1760, PG III, ERG#154

The listed Transportation Information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors.

## Section 15 - Regulatory Information

### CERCLA – SARA Hazard Category

Carcinogenic Ingredients: Contains no known or suspected carcinogens.

SARA Title II, Section 313 ingredients: None

**Section 16 - Other Information****HMIS Ratings:**

Health: 3

Flammability: 0

Reactivity: 0

Personal Protection: X

**VOLATILE ORGANIC COMPOUNDS, g/L: 0****REASON FOR REVISION:****Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

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