

M.S.D.S. # 20124

Date Prepared : 1/23/02

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SECTION 1 - PRODUCT IDENTIFICATION

<u>Distributor:</u> TRI-STAR INDUSTRIAL PRODUCTS	<u>Emergency Phone:</u> INFOTRAC - HOT LINE (800) 535 - 5053
<u>Address:</u> 12049 Regentview Ave. Downey, Ca. 90241	<u>Product Type:</u> CLEANER (CONCRETE REMOVER)
<u>Trade Name:</u> REACT	<u>Chemical Family:</u> COMPOUNDED PRODUCT

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME :	CAS. NO.	% OPT.	TLV (Source)	OSHA PEL
Phosphoric acid	7664-38-2		1 mg/m3 - TWA	1 mg/m3 - TWA
			3 mg/m3 - STEL	3mg/m3 - STEL

* These materials are subject to the reporting requirement under the Superfund Amendments and Reauthorization act of 1986 (SARA) Title III, section 313 and CFR part 372

** Proposition 65 : This product contains detectable amounts of chemicals known to the State of California to cause cancer and/or birth defects or other reproductive toxicity.

SECTION 3 - PHYSICAL DATA

<u>Boiling Point:</u> Approximately 212°F	<u>Specific Gravity (H2O=1):</u> 1.475 - 1.482	<u>pH</u> <1
<u>Vapor Pressure (mmHg)</u> 17 mm @ 20°C	<u>Vapor Density (Air=1)</u> >1	
<u>Solubility in Water</u> Complete		<u>Evaporation Rate (ETHER=1)</u> Slower

Appearance and odor : Green liquid, Characteristic odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point : None to Boiling Flammable Limits : Upper-- NA
Lower-- NA

Extinguishing Media : Product is non-combustible. Water spray (FOG) , Dry chemical, CO2 or Foam
may be used where product is stored.

Special Firefighting Procedures : Product is non-combustible. Water spray (FOG) , Dry chemical, CO2 or Foam
may be used where product is stored. Keep containers cool with water spray to prevent rupture; Caution-material is corrosive.

Unusual Fire and Explosion Hazards : None Known.

SECTION 5 - REACTIVITY DATA

Stability : STABLE -- ☒ UNSTABLE -- ☐

Hazardous polymerization : WILL OCCUR - ☐ WILL NOT OCCUR - ☒

Incompatibility : Strong oxidizers, strong alkalis; reactions with certain alkali metals may produce hydrogen gas which can form explosive mixtures with air.

Decomposition Products : Thermal decomposition may yield CO; CO2 and form phosphorous compounds.

Conditions to Avoid : See incompatibility above.

SECTION 6 - HEALTH HAZARD DATA

SYMPTOMS OF ACUTE HEALTH HAZARDS

ROUTES OF EXPOSURE EYES ☒ SKIN ☒ ORAL ☐ INHALATION ☐

EYES : May cause irritation, burning, redding and can cause permanent eye damage.

SKIN : Contact with skin may cause redness, burning, swelling and other skin damage.

INGESTION : Swallowing of this material may be harmful or fatal. Symptoms may include severe stomach and intestinal irritation, nausea, vomiting, and diarrhea. This material may cause burns and destroy tissue in the mouth, throat and digestive tract.

INHALATION : Breathing of mist or vapor may include irritation and burns to the nose, throat and respiratory tract.

CHRONIC HEALTH HAZARDS : No long term health effects are known at this time.

REACT

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

EYES : Immediately flush eyes with plenty of clear, running cool water for at least 15 minutes while holding eye lids open and apart. Seek medical attention.

SKIN : Wash off affected area with plenty of soap and water. Wash contaminated clothing prior to reuse. If irritation persists seek medical attention.

INGESTION : Do not induce vomiting. If victim is conscious, dilute by giving two glasses of water or milk. Seek immediate medical attention.

INHALATION : If symptoms occur, remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Seek a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION : None normally required. If TWA exceeds limits, NIOSH approved respirator must be used.

VENTILATION REQUIREMENTS : Local exhaust or mechanical (general) to maintain TWA & STEL levels.

PROTECTIVE CLOTHING :

Safety glasses/Goggles	<input checked="" type="checkbox"/>
Gloves, Rubber or Chemical Resistant :	<input checked="" type="checkbox"/>
Apron :	<input type="checkbox"/>
Other :	<input type="checkbox"/>

Provide nearby safety shower & eye washing facilities.

WORK/HYGIENIC PRACTICES : Wash thoroughly after handling.

SECTION 9 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF RELEASED OR SPILLED : Dike area to prevent spread of the liquid. Pump or transfer spilled uncontaminated product into clean containers for reuse. Absorb contaminated product with an inert material and place the contaminate into an appropriate waste container for disposal.

WASTE DISPOSAL METHODS : Consult local, state and federal regulations before disposing of this material.

SECTION 10 - STORAGE AND HANDLING INFORMATION

PRECAUTIONS TO BE TAKEN FOR HANDLING AND STORAGE : Keep container closed when not in use. Avoid contact with eyes and skin. Store between 40° - 100° F. Keep away from children.

ADDITIONAL INFORMATION

TRANSPORTATION DOT:

Corrosive liquid, acidic, inorganic n.o.s., 8, UN3264, PGII

The information herein is given in good faith. No warranty expressed or implied is made. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, State, and Local laws and regulations.

HMIS
HAZARD
RATING

TOXICITY	2
FLAMMABILITY	0
REACTIVITY	0
SPECIAL	X

0-LEAST
1-SLIGHT
2-MODERATE
3-HIGH
4-EXTREME

NA = Not Applicable ND = Not Determined NDA = No Data Available