



Deox Super

Material Safety Data Sheet

Manufacturer's Name: Super Chem LLC
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HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

Hazardous Components Special Chemical Identity; Common Names	OSHA	ACGIH TLV	Other Limits Recommended	% Optional
Phosphoric Acid: CAS # 7664-38-2	1mg/m ³	3mg/m ³	None	

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	212 F	Specific Gravity (H ₂ O=1):	1.34
Vapor Pressure (mm Hg):	N.E.	Melting Points:	NA
Vapor Density (AIR=1):	N.E.	Evaporation Rate (Butyl Acetate =1):	<1
Solubility in water:	Complete		
Appearance and Odor:	Clear Liquid with Slight Odor.		

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Non Flammable Flammable Limits: LEL:NA UEL: NA
 Extinguishing Media: Use media appropriate for primary cause of fire.

Special Fire Fighting Procedures: Use full protective clothing and self contained breathing apparatus.

Unusual Fire and Explosion Hazards: Thermal decomposition emits toxic fumes of phosphorus oxide

REACTIVITY DATA

Stability: Stable Conditions to avoid: None
 Incompatibility (Materials to avoid): Reactive Metals (mild steel, aluminum) & Bases
 Hazardous Decomposition or Byproducts: Flame temperatures will emit toxic phosphorus oxide fumes.
 Hazardous Polymerization: Will not occur Conditions to avoid: None

HEALTH HAZARDS

Health Hazards (Acute and Chronic): Irritant, Slightly toxic when inhaled or ingested slightly toxic with repeated inhalation or ingested. Causes burns to exposed tissue.

Signs and Symptoms of Exposure: Burning sensation on exposed tissue.

Potential Route(s) of entry: Inhalation: Severe Irritant
 Skin: Mild – Severe Irritant
 Ingestion: Slightly Toxic

Medical Condition Generally Aggravated by Exposure: None Known

CARCINOGENIC (CANCER POTENTIAL) INFORMATION

National Toxicological Program (NTP): Not Listed
 International Agency for Research on Cancer: Not Listed
 Listed by Federal OSHA as Carcinogens: Not Listed

EMERGENCY AND FIRST AID PROCEDURES:

Skin Contact: Wash with water
 Eye Contact: Flush with copious water for at least 15 minutes. If irritation persists obtain medical attention.
 Internal: Rinse mouth with water and give copious water to cause dilution in stomach

GENERAL PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Waste Disposal Method: Dike & Neutralize with lime or soda ash.

Precautions to be Taken in Handling & Storage: Store in cool, dry well ventilated location. Store in suitable containers (fiberglass, polyethylene line dr.)

CONTROL MEASURES

Respiratory Protection (specify type): For severe vapor or mist use NIOSH certified self contained breathing apparatus.

Ventilation:

Local Exhaust:	Normal	Special: None
Mechanical (general):	Optional	Other:

Protective Gloves: Rubber or Neoprene Eye Protection: Acid Goggles

Protective Clothing or Equipment: Where contact is likely use rubber apron and boots.

Work / Hygienic Practices: Safety shower and Eye wash should be nearby.

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