

MATERIAL SAFETY DATA SHEET

Section I – Product & Company Identification

Product Name: **DRO DELIMER**
Effective Date: 7/31/09
Company Information: Specialty Products of America
516 Monceaux Rd
West Palm Beach FL 33405
Company Phone: 561-209-1800
Emergency Phone: Info Trac 1-800-535-5053

Section II – Hazardous Ingredients

Component	CAS #	TLV (ppm)	% (in prod.)
Phosphoric acid	7664-38-2	1mg/M3	12-13

Section III – Health Hazard

Acute Effects of Overexposure:

Skin: Hazardous in case of skin contact. Harmful if absorbed through skin. Contact may cause irritation, redness, and defatting. Skin contact may produce burns.

Eyes: Hazardous in case of eye contact. Liquid in eye may cause irritation with possible severe and permanent damage.

Inhale: Hazardous in case of inhalation. Inhalation of spray mist may produce severe irritation of respiratory tract.

Ingest: May be harmful if swallowed. Can cause gastrointestinal disturbances and burns to mouth throat, and stomach.

Existing skin diseases may be aggravated by overexposure.

Chronic Effects of Overexposure: Overexposure of this product by inhalation or adsorption can cause central nervous system depression resulting in headache, nausea, and/or dizziness. Repeated or prolonged exposure of this product can produce target organ damage. This substance may be toxic to blood, liver, kidneys, lungs, and thyroid.

HMIS Codes: Health 3; Flam. 0; React. 0; Pers. Protection C

Carcinogenic effects: None of the ingredients are listed as carcinogens by IARC, NTP, or OSHA

Section IV – First Aid Measures

First aid procedures:

Skin: Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhale: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

Ingest: Aspiration hazard if swallowed- can enter lungs and cause damage. If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. If individual is alert, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention at once.

Section V – Fire And Explosion Data

Flash Point (F) None

Flammable Limits: LEL: NA UEL NA

Fire Fighting Procedure: use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Fire Hazard: NA

Section VI – Accidental Release Measures

Spill Clean Up: Wear appropriate protective equipment. Absorb with an inert material and put spilled material in appropriate waste disposal.

Section VII – Handling And Storage Procedures

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing spray mists. Keep container closed. Wash thoroughly after handling.

Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

Section VIII – Exposure Controls, Personal Protection

Eye Protection: Tight fitting safety goggles are recommended if splashing may occur.

Protective Clothing: Waterproof protective gloves

Respiratory: Use with adequate ventilation.

Section IX – Physical and Chemical Data

Boiling Point (F) 218	Specific Gravity: 1.08-1.12
pH:	1.0-1.2
VOC content (%)	1
Evaporation Rate (Bu acetate=1)	NA
Vap. Pressure (mm Hg)	NA
Vap. Density	NA
Solubility in Water:	soluble
Appearance and Odor:	clear thin liquid with characteristic odor

Section X – Reactivity Data

Stability: Stable

Incompatibility: strong oxidizing agents, alkaline materials

Polymerization: Will not occur

Hazardous Decomposition: carbon monoxide, carbon dioxide, and oxides of nitrogen

Section XI – Toxicological Information

Toxicity to animals

Phosphoric acid

Oral (LD50) acute: 4400 mg/kg Rat

Dermal (LD50) acute: >3160 mg/kg Rabbit

Section XII – Ecological Information

Ecological Information - not available

Biodegradable/OECD – not available

Section XIII – Disposal Considerations

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

Classification: hazardous waste

Section XIV – Transport Information

Proper shipping name Corrosive liquid acid, inorganic, n.o.s. (phosphoric acid)

DOT classification DOT class 8: corrosive liquid

UN number 3264

Section XV – Regulatory Information

SARA 313 toxic chemical notification and release reporting - no products found

Clean Water Act (CWA) regulated substance – phosphoric acid

Clean Air Act (CAA) 112 regulated toxic substances – no products found

Section XVI – Other Information

To the best of our knowledge information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.