

# PROtech MATERIAL SAFETY DATA SHEET

## I - PRODUCT IDENTIFICATION

Product: Phosphate Remover  
Chemical Family:  
Formula: Proprietary  
CAS Number: Not Applicable  
Synonyms:

### COMPANY IDENTIFICATION

AllChem Performance Products, LP  
6010 NW First Place  
Gainesville, FL 32607  
Tel: 352-378-9696

### DISTRIBUTED BY:

WINDO  
Suite 200 Post Place / West 721 Boone  
Spokane, WA 99201

### 24 HR EMERGENCY TELEPHONE NUMBER

INFOTRAC (Transportation): (800)535-5053

## II – COMPOSITION, INFORMATION ON INGREDIENTS

Chemical or Common Name: \_\_\_\_\_ OSHA HAZ: \_\_\_\_\_

Lanthanum salt derivative	64%	YES
All other components are non-hazardous	34%	NO

Note: see Section 8 on permissible exposure limits.

## III – HAZARDS IDENTIFICATION

Emergency Overview: clear to slight yellow liquid. Can cause irritation to exposed areas of body. Severity of injury depends on duration of exposure. Immediate action is necessary to limit severity of injury. Hydrogen chloride will be produced from decomposition.

Primary Health Effects:

Eye: May cause irritation.

Skin: Possible mild irritant.

Inhalation: Should not be harmful.

Ingestion: Possible irritant.

Chronic: Note listed as a potential carcinogen by IARC.

Signs of overexposure: eye and/or skin irritation will occur.

Medical Conditions Aggravated By Exposure: None known

## IV – FIRST AID MEASURES

Emergency and First Aid Procedures:

Eye Contact: Flush thoroughly with water for five minutes and obtain medical attention.

Skin Contact: Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if needed.

Inhalation: Move to fresh air. If breathing has stopped administer artificial respiration. Obtain medical attention immediately.

Ingestion: Drink several glasses of water. Do not induce vomit. Obtain medical attention.

Note to physicians: None.

## V – FIRE FIGHTING MEASURES

### **FIRE AND EXPLOSION HAZARD DATA**

Flash Point: not available.

Flash point method: not available.

Flammable Limits:

LEL: not available

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UEL: not available

Burning rate: not available

Auto ignition temperature: not available

Flammability classification: not applicable.

Unique Fire Properties: HCl is produced.

Hazardous combustion products: HCl is produced.

Extinguishing Media: Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.

Special Fire-fighting Procedures: Do not enter confined fire space without full bunker gear (which includes helmet with face shield, bunker coat, gloves and rubber boots), a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

## **VI – ACCIDENTAL RELEASE MEASURES**

Personal Protective Equipment: see section 8

Environmental Precautions: none.

Cleanup Method: Contain large spills and pump to recover. Small spills can be mopped up and recovered.

## **VII – HANDLING AND STORAGE**

Precautions to Be Taken in Handling:

Wear appropriate eye and glove protection to minimize personal exposure.

Containment: Secondary containment is recommended.

Storage: Store in cool dry place. Keep container closed when not in use, keep out of reach of children.

Incompatible materials: None.

## **VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering controls: General ventilation

Personal Protective Equipment:

Eye/Face – safety glasses for normal conditions

Skin – avoid contact with skin

Hands – use chemical resistant gloves to minimize irritation

Respiratory – none, where adequate ventilation conditions are available.

Work Practices – always follow good hygiene/work practices by avoiding vapors, mists and contact with eyes and skin. Always wash hands thoroughly after handling and before eating or drinking. Always wear PPE when repairing or performing maintenance on contaminated equipment.

Exposure Guidelines – Permissible exposure limits: not applicable.

## **IX - PHYSICAL/CHEMICAL CHARACTERISTICS**

Color: Clear to slightly yellow.

Physical form: Liquid

Odor: None

pH: not applicable

Vapor density: 4.10

Vapor pressure: not known

Boiling point: not known

Melting point: not known

Freezing point: not known

Solubility in water: appreciable (more than 10%)

Specific gravity/density: not known

## **X – STABILITY AND REACTIVITY**

Stability: Stable under normal storage and handling conditions

Materials of Incompatibility: none known

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Hazardous Decomposition or By-Products: Hydrogen Chloride

Hazardous Polymerization: will not occur

Conditions to Avoid: none known.

## **XI - TOXICOLOGICAL INFORMATION**

Acute oral effects:

Rat, oral, LD<sub>50</sub>: 4200

Rabbit, dermal, LD<sub>50</sub>: not available.

Rat, dermal, LD<sub>50</sub>: 106

Mouse, SCU, LD<sub>50</sub>: 2424

Mouse, IV, LD<sub>50</sub>: 18

Skin irritation: not available.

Eye irritation: not available.

Skin sensitization: not available

Additional information: not available

## **XII – ECOLOGICAL INFORMATION**

Ecotoxicity: not available.

Mobility: not available.

Persistence and degradation: Not established.

Bioaccumulative potential: Not established.

## **XIII – DISPOSAL CONSIDERATIONS**

Disposal Method: Contact the manufacturer, local supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state and local regulations.

Disposal regulatory requirements: If product as supplied becomes a waste, it does meet the criteria of a Hazardous Waster defined under RCRA 40 CFR 261. Consult state and local regulations regarding the proper disposal of this product.

Container cleaning and disposal: Thoroughly clean empty containers with water. Recycle container if applicable. Do not use empty containers for food storage.

## **XIV - TRANSPORTATION DATA**

Please refer to applicable regulations or call company noted under Section I.

## **XV - REGULATORY INFORMATION**

TSCA status: components are listed.

CERCLA Reportable Quantity: not applicable.

RCRA Hazardous Waste under 40 CFR 261

SARA 302 Extremely Hazardous Substance: not applicable

SARA 311/312 Category: Acute Health Hazard.

SARA 313 Toxic Chemical (40 CFR 372.65): not applicable

State regulations: California Proposition 65 – not applicable.

## **XVI - ADDITIONAL INFORMATION**

This MSDS replaces the 01/18/2008 version. **ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL.**

Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section XV of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.

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