
MATERIAL SAFETY DATA SHEET

MSDS

Sun Phosphate Eliminator

Date-Issued: 08/28/2001
MSDS Ref. No: ASUN23716A
Date-Revised: 10/02/2001
Revision No: New MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Sun Phosphate Eliminator
GENERAL USE: Removal of phosphates from swimming pools.

MANUFACTURER

Asepsis, Inc.
Sun
P.O. Box 537
Avondale Estates, GA 30002
Customer SERVICE: (800)959-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Poison Control Center (Medical) (877)800-5553

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Lanthanum chloride heptahydrate	10025-84-0	99 - 100

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear to light yellow liquid.

IMMEDIATE CONCERNS: CAUTION: Contains lanthanum chloride. Keep out of reach of children. Product is not expected to cause eye and skin irritation. Work in accordance with good industrial hygiene practices, avoiding unnecessary contact with product.

POTENTIAL HEALTH EFFECTS

EYES: This product is not expected to cause eye irritation. However, in accordance with good personal hygiene practices, avoid contact with eyes.

SKIN: This product is not expected to cause skin irritation. However, in accordance with good personal hygiene practices, avoid contact with skin or clothing.

INGESTION: No adverse health effects anticipated from ingestion of incidental amounts of product.

ROUTES OF ENTRY: None identified

4. FIRST AID MEASURES

EYES: If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

SKIN: If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

INGESTION: If swallowed: Drink large quantities of water. DO NOT induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

INHALATION: If inhaled: Remove to fresh air. If breathing is difficult or discomfort occurs and persists, obtain medical attention.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Non-Flammable

EXTINGUISHING MEDIA: This material does not burn. If exposed to fire from another source, use suitable extinguishing agent

for that fire.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Dilute with large quantities of water. Absorb with inert material, then dispose of according to state, federal and state authorities.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: No special handling precautions are required.

HANDLING: Do not mix with other chemicals.

STORAGE: Keep this product in original closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Keep out of reach of children

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Lanthanum chloride heptahydrate

	<u>EXPOSURE LIMITS</u>					
	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
TWA	[1]		[2]			

OSHA TABLE COMMENTS:

1. N/E = Not Established
2. Not Established

ENGINEERING CONTROLS: General room ventilation. Not expected to be an inhalation hazard.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear safety glasses with side shields where there is potential for eye contact.

SKIN: With repeated or prolonged use, wear gloves.

RESPIRATORY: In processes where mists or vapors may be generated, a NIOSH/MSHA approved respirator is advised in the absence of proper environmental controls.

PROTECTIVE CLOTHING: If product gets on clothing, remove and wash before reuse.

WORK HYGIENIC PRACTICES: In accordance with good industrial hygiene practices, wash hands thoroughly with soap and water after handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE: Clear to yellow liquid

pH: Not Established

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not Established

BOILING POINT: Not Established

FREEZING POINT: Not Established

SOLUBILITY IN WATER: Soluble

DENSITY: Not Established

SPECIFIC GRAVITY: Not Established

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Avoid high temperatures.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic vapors/fumes of hydrogen chloride.

INCOMPATIBLE MATERIALS: None known

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: 4200 g/kg of body weight in rats

EYE EFFECTS: This product is not expected to be irritating to eyes.

SKIN EFFECTS: This product is not expected to be a skin irritant or sensitizer.

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

EMPTY CONTAINER: Do not reuse empty container. Discard in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated as a DOT Hazardous Material

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO

313 REPORTABLE INGREDIENTS: This product does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels established by SARA Title II, Section 313 Toxic Chemicals.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product or its components are not listed.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: TSCA (Toxic Substances Control Act):

This product's main constituent is listed on the TSCA Inventory under the anhydrous form (CAS# 1009-58-8).

This product or its components are not subject to export notification.

OSHA HAZARD COMM. RULE: Product is not hazardous by definition of the Hazardous Communication Standard.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY New MSDS

HMIS RATING

HEALTH:	-	0
FIRE:		0
REACTIVITY:		0
PROTECTION:		

NFPA RATING

HEALTH:	0
FIRE:	0
REACTIVITY:	0

Key

4 = Severe

3 = Serious

2 = Moderate

1 = Slight

0 = Minimal