

1. Product and Company Identification

Product: Phospholyte®
Product number: Custom
CAS no. 2925563-28-4
Company Identification: Marshallton Research Laboratories Inc.
P.O. Box 930
King, NC 27021, USA
Tel: (336) 983-2131
Fax: (336) 983-0096

2. Hazards Identification

Classification: Irritant: Category 2



Signal Word: Warning

Warning Statement: Avoid contact with skin and eyes.

H315 Causes skin irritation

H319 Causes eye irritation

Potential Health Effects:

Acute: May be harmful if swallowed or absorbed through skin.

May cause eye and skin irritation.

Chronic: N/A

Carcinogenicity:N/A

3. Composition/ Information on Ingredients

Chemical Name: Mixed fluorinated cyclic phosphazene trimers

CAS Number: 2925563-28-4

4. First-aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eye and lids with water. If eye irritation persists, obtain medical attention.

Skin Contact: Immediately wash skin with soap and copious amounts of water.

Ingestion: Wash out mouth with copious amounts of water.

Inhalation: If inhaled, remove to fresh air. If not breathing or in respiratory distress, clear person's airway and start artificial respiration.

5. Fire-fighting Measures

Flash Point: ND > 230 °C

Flammable Limits: None

Extinguishing Media: N/A

Fire Fighting: This substance is not known to have any fire or explosion hazards.

Decomposition Products under Fire Conditions: CO, CO₂, HF, nitrogen oxides.

6. Accidental Release Measures

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800) 424-8802.

7. Handling and Storage

Storage Temperature: Store in a cool dry place.

Loading/ Unloading Temperature: Ambient

Storage and Handling: Keep container closed. Handle and open containers with care. Store in a cool, well-ventilated place away from incompatible materials.

8. Exposure Controls/ Personal Protection

Protective Equipment (Type):

Eye/ Face Protection: Avoid eye contact. Wear chemical safety glasses.

Skin Protection: Protective clothing such as lab coats are recommended.

Respiratory Protection: None required

Ventilation: Ambient

9. Physical and Chemical Properties

Appearance: Room temperature liquid

Specific Gravity: ND

Boiling Point: > 250°C (Dec.)

Melting Point Range: 16 - 19°C

Solubility in Water: Miscible in all portions

Density: 1.33 g/cc

10. Stability and Reactivity

Hazardous Polymerization: ND

Materials and Conditions to Avoid Incompatibility: strong oxidizing agents, strong bases

Hazardous Decomposition: ND

11. Toxicological Information

The Acute Oral LD₅₀ is greater than 2000 mg/kg. All animals survived following administration of the test substance.

12. Ecological Information

No applicable information available.

13. Disposal Considerations

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Waste Disposal Method: Observe federal, state and local laws.

14. Transport Information

DOT shipping description: Nonhazardous chemical

IATA shipping description: Nonhazardous chemical

15. Regulatory Information

TSCA: not listed

16. Other Information

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. No warranty or guarantee expressed or implied is made regarding performance stability of any product, since the manner of use and condition of storage and handling is beyond our control. No suggestion for product use, nor anything contained herein, shall be construed as a recommendation for its use infringement of any existing patent.

Date: 1/17/2024