

MATERIAL SAFETY DATA SHEET



1. Identification of the Substance and Company

Product Name: DELYME®

Product No: 345 DL

Manufactured by: RUHOF CORPORATION

Address: 393 Sagamore Avenue, Mineola, NY 11501-1919 USA

Emergency Telephone No: 1-800-424-9300 (CHEMTREC)

Emergency Telephone No: 1-800-537-8463 (RUHOF)

Date Created: April 9, 2009

**NFPA 704 HAZARD
RATING:**

HEALTH: 2

FIRE: 0

REACTIVITY: 0

SPECIAL: NONE

2. Hazardous Ingredients/Identity Information

Hazardous Components:						OSHA PEL	CAS #	%		
Phosphoric Acid						1 mg/m ³	7664-38-2	<25		
Sara Hazard:	Fire?	NO	Pressure?	NO	Reactivity?	NO	Acute?	YES	Chronic?	NO

3. Hazards Identification

Irritation to mucous membranes, mouth burning eyes reddening and burning, lungs irritation

4. First Aid Measures

Eye Contact: Flush eyes immediately with water for at least 15 minutes. Get medical attention.

Skin Contact: Flush skin immediately with water for at least 15 minutes. Get medical attention if irritation persists.

Inhalation: Bring patient to fresh air. If not breathing, give artificial respiration.

Get medical attention.

Ingestion: Do not induce vomiting. Get medical attention. Rinse mouth with water.

Drink a large amount of milk or water.

5. Fire-Fighting Measures

Conditions of Flammability/Flash Point/Auto-ignition Temperature: Not flammable.

Upper Flammable Limit: NA

Lower Flammable Limit: NA

Special Hazards: None known

Explosability Data: Not Determined

Extinguishing Media: Use media appropriate for the primary source of fire.

Special Fire Fighting Procedures: Wear protective equipment..

Hazard Combustion Products: CO, CO₂

6. Accidental Release Measures

Neutralize with sodium bicarbonate. Pick up with a mop and followed by a water rinse flushed to a sanitary sewer in accordance with National and Local regulations.

7. Handling and Storage

Handling: Use protective gloves. Wash hands thoroughly after use.

Storage: Avoid exposure to high temperature or humidity. Keep container closed when not in use. Use precautions for handling acids.

8. Exposure Control/Personal Protection

Respiratory Protection: NONE normally needed. Normal handling and use as directed ,use NIOSH acid respirator if mist.

Eye Protection: Safety glasses or goggles. Face shield for spraying

Protective Gloves: Plastic or Rubber.

Other Protective Clothing and Equipment: Plastic Apron

Other Work/Hygiene Precautions: Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Appearance: CLEAR YELLOW LIQUID

Odor: FLORAL ODOR

pH: 1.5

Boiling Point: 212°F/100°C

Melting Point: NA

Evaporation Rate: 1.0

Evaporation Standard: WATER

Specific Gravity (Water = 1): 1.2

Vapor Pressure (mm Hg): AS WATER

Relative Vapor Density (Air = 1): NA

Solubility in Water: COMPLETE

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur.

Incompatible Materials: Alkalis

Conditions to Avoid/ Conditions of Reactivity NONE

Hazardous Decomposition or Byproducts: Hydrogen, Phosphorus Oxides

11. Toxicological Information

Carcinogenicity?	NO	NTP?	NO	IARC?	NO	OSHA Regulated?	NO
Mutagenicity?	NO	Reproductive Toxin?			NO	Possible Sensitizer?	NO

12. Ecological Information: Not Determined

13. Disposal Considerations: Dispose in accordance with local, state, and Federal regulations. Do not use empty containers for other purposes. Follow all national or regional regulations for disposal.

14. Transport Information:

Ground: Non-hazardous, Sea: IMDG Class: Non-hazardous, Air: ICAO/IATA Class: Non-hazardous

15. Regulatory Information:

Special Health and Safety Information: None

Classification, Risk, and Safety Information for Label: R36/38 Irritating to eyes and skin. S24/25

Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16. Other Information:

The information provided in this safety data sheet has been obtained from sources believed to be reliable. The manufacturer provides no warranties; either expressed or implied, and assumes no responsibility for accuracy or completeness of the data contained herein. The information is offered for your consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. The manufacturer knows of no medical conditions other than those noted on this safety data sheet, which are generally recognized as being aggravated by exposure to this product.