



Material Safety Data Sheet: Emulsion Remover ER 9900L Liquid Concentrate

RHINOTECH, INC

PO BOX 5426 SARASOTA, FL 34277 TEL:651-686-5027 FAX: 651-686-9745

1 - MATERIAL IDENTIFICATION

Product Name: LIQUID EMULSION REMOVER CONC.

Product Number: 9900L

Date: 10/7/08

Manufacturer: RhinoTech, Inc

Chemical family: Liquid, mixture

Material Use of Occurrence: Screen Print Emulsion Remover

HMIS Hazard Ratings:

Health = 1 0 = None

Fire: = 0 1 = Slight

Reactivity: = 1 2 = Moderate

Special: B 3 = Serious

4 = Severe

2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA / PEL	ACGIH/TLV	OSHA Hazard
Periodic Acid	10450-60-9	NA	NA	skin/eye

3 - CHEMICAL AND PHYSICAL PROPERTIES

Boiling Point: 200F

Specific Gravity: 1.05

Vapor Pressure: NA

Melting Point: NA

Vapor Density (air = 1): NA

Evaporation Rate (butyl acetate = 1): NA

Solubility in Water: Complete

Appearance and Odor: Water white liquid no odor

pH : 4.00

VOC content: None

4 - FIRE AND EXPLOSION DATA

Flash Point: >200F

Flammable Limits: LEL: NA UEL: NA

Special Fire Fighting Procedures: Breathing apparatus should be worn as elemental iodine may form as a combustion by product, use protective clothing to prevent material from contacting skin and eyes. Periodic Acid is a strong oxidizing agent therefore, mixtures with combustible materials are readily ignited.

Extinguishing Media: As Appropriate for Surrounding Fire; Water Spray, ATC Foam, Carbon Dioxide, Dry Chemical

5 - REACTIVITY INFORMATION

Stable: YES Unstable:

Hazardous Polymerization Occurs: Does Not: X

Incompatibility: Organic materials, forms explosive mixtures with reducing agents and finely powdered metals.

Hazardous Decomposition Products: Hydrogen Iodide, Iodine, CO₂, CO, HCL, NO_x,

6 - Health Hazard Data

Inhalation:

Repeated or excessive inhalation of dust, mist or spray can cause irritation to respiratory tissues.

Skin:

Skin contact with product may cause irritation.

Eyes:

Eye contact with product may cause irritation.

Ingestion:

Ingestion may be harmful, effects central nervous system, kidneys and liver.

7 - Emergency and First Aid ProceduresInhalation:

Remove to fresh air. Use artificial respiration and oxygen if needed.

If irritation persists, seek medical attention.

Skin:

Flush with large amounts of water. If irritation persists, seek medical attention.

Eyes:

Flush with water for 15 minutes while holding eyelids open. If irritation persists, get medical attention promptly.

Ingestion:

If swallowed, induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water.

If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs.

Call physician immediately. Never give anything by mouth to an unconscious person.

8 - Special Protection InformationRespiratory Protection:

Use NIOSH approved equipment suitable for nuisance dust when airborne exposure is excessive.

Provide ventilation to minimize exposure.

Protective Clothing:

Eyes: Wear splash proof goggles where exposure is possible.

Skin: Wear chemical resistant gloves, boots and clothing. Have convenient safety showers.

9 - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:

Do not allow escape into natural water or sanitary sewers. Absorb liquid material with inert absorbent and shovel

into containers

Waste Disposal Method:

Dispose of in accordance with local, state and federal authorities.

Precautions to Be Taken in Handling and Storing:

Keep containers closed tightly. **Keep out of reach of children**

10 - Regulatory and D.O.T. Shipping Information

Proper Shipping Name USA & INT'L: Oxidizing Liquid n. o. s. (Periodic Acid),

Packaging Group: III

Hazard Class: 5.1

ID Number: UN 3139

Label Requirements: Oxidizer

Reportable Quantity: None

SARA, Title III: Reportable for Section 313 (form R): None

Canada EPA DSL Inventory: Consult RhinoTech, Inc. regarding status of ingredients.

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