

SAFETY DATA SHEET

Trade Name: Raybo 273

Version: 2.0

Date: 1-17-08

1) Identification of the Substance/Preparation and CompanyTrade Name: **Raybo 273****Identification of the manufacturer/Supplier**

Address: Raybo Chemical Company
PO Box 2155
Huntington, WV 25725

Telephone: 304-525-5171

Fax: 304-525-2921

Information provided by/Telephone

304-525-5171 William F Reid, Technical Director

Emergency Telephone Number

Chem Trec 800-424-9300 (Domestic)

Chem Trec 703-527-3887 (International)

2) Composition/Information on Ingredients

Hazardous Ingredients	OSHA PEL	ACGIH TLV	SARA 313%
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Fatty Amine Carboxylate Complex		Not Established	
CAS NO: *			
Einecs NO:			

NOTE: CONTENTS PARTIALLY UNKNOWN

* SPECIFIC IDENTITY WITHHELD ON TRADE SECRET GROUNDS.

3) Potential Health Effects and Hazards

HMIS Rating: Health (2) Flammability (1) Reactivity (0) Personal Protection ()

Eye: Contact/exposure to liquid or high vapor concentrations can cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin: Contact/exposure may cause slight skin irritation.

Ingestion: Single dose oral toxicity is low. Ingestion/swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may result in GI irritation, vomiting and diarrhea.

Inhalation: Breathing of vapor or mist during normal handling and use is possible. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts during application or misuse of product may be harmful. Avoid air concentrations exceeding recommended exposure limits (See Section 2).

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Chronic: No Data
(Information)

Developmental: No data. As a precaution, avoid prolonged or repeated
(Information) contact/exposure to liquid or vapor.

Symptoms of Exposure: Signs and symptoms of exposure to this product through breathing or ingestion may include skin irritation (itching and redness), and stomach or intestinal upset.

4) First Aid Measurers

Eyes: If symptoms develop, remove from exposure. Flush eyes with low pressure water while holding eyelids open. If symptoms persist, seek immediate medical attention.

Skin: Remove affected clothing. Wash affected skin with soap and water. If symptoms persist, seek medical attention.

Ingestion: If symptoms develop, seek medical attention/advise. Contact doctor or poison control center for advice.

Inhalation: If symptoms develop, move away from exposure and into fresh air. If symptoms persist, keep the person warm and quiet. Seek medical attention. If breathing is difficult, administer oxygen.

NOTE TO PHYSICIAN: Possible Aspiration Hazard, Note hazardous material component(s) (Section 2).

5) Fire Fighting Measurers**Flammable Properties**

Flash Point 300°F (149°C) Method: Tag Closed Cup (TCC)

Flammable Limits:

Lower Flammable Limits: No Data

Upper Flammable Limits: No Data

Autoignition Temperature: No Data

Hazardous Combustion Products: Products of combustion may include carbon monoxide, carbon dioxide, hydrocarbons, and amines.

Extinguishing Media: As appropriate with surrounding media. For dry material fire, carbon dioxide or dry chemical.

Fire Fighting Instructions: Wear self-contained breathing apparatus with all appropriate turnout gear and chemical resistant protective equipment

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- Personal Precautions:** Provide adequate ventilation. Wear appropriate personal protective equipment (PPE) and exclude those unprotected from the area. Treat as a combustible liquid. Eliminate all sources of ignition.
- Environmental Precautions:** Prevent discharge to streams, lakes, or other bodies of water. Transfer to a salvage vessel if possible. Notify supervisors or proper authorities that a spill has occurred. (See Section 13 for Disposal Information)
- Methods for Cleaning Up:** Stop spill at source. Immediately collect and containerize uncontaminated product and use in non-critical areas if possible. If contaminated (dirt, deleterious materials, etc.) containerize and absorb any residual or unrecoverable product with vermiculite, floor absorbent, etc.

7) Handling and Storage

- Handling:** Handle all containers (even empty) with caution. Use recommended PPE (Section 8) when handling containers. Ensure the availability of emergency eyewash and shower facilities.
- Storage:** Store closed containers in a cool, well ventilated place away from ignition sources and incompatible materials. Keep containers tightly closed.

8) Exposure Controls/Personal Protection

- Engineering Controls:** Local exhaust should be adequate. Mechanical ventilation is recommended when necessary to reduce concentration below the TLV. Always provide mechanical ventilation in confined spaces.
- Respiratory Protection:** Not normally required. If vapor concentration becomes high, increase ventilation or use an approved (NIOSH/MSHA) respirator. Respirator type: Chemical cartridge; mist, organic vapor (appropriate up to 10X PEL) with dust (particulate) pre-filter. Consult your Safety Administrator. Respiratory protection should be in compliance with standard 29 CFR1910.134.
- Skin Protection:** During handling and application wear chemical resistant gloves, rubber or Buna N. Wear clothing/coveralls appropriate for the risk of exposure.
- Eye Protection:** During handling of liquid and open containers, minimum recommended protection is chemical splash proof goggles in compliance with OSHA regulations. Other types of safety glasses may be permitted. Consult your Safety Administrator.

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Boiling Point	650°F (343°C)
Melting Point	70 - 80°F
Vapor Pressure	<1 mm Hg @ 68°F
Vapor Density	Not Determined
Solubility in Water	Insoluble in water
Specific Gravity	0.894 +/- 0.006
PH	Not Applicable
Odor	Fatty Odor
Appearance	Amber, viscous liquid

10) Stability and Reactivity

Stability: Stable Product

Incompatible (Conditions to Avoid): Avoid contact with or exposure to strong acids, alkalies, and oxidizers. Raybo 273 soaked rags may result in autoignition.

Hazardous Decomposition Products: Products of decomposition include carbon monoxide, carbon dioxide, hydrocarbons, and amines.

Hazardous Polymerization: This product will NOT undergo hazardous polymerization.

Thermal Decomposition: No decomposition when used as directed.

11) Toxicological Information

Exposure Limit of Material: See Section 2

Carcinogenicity: The following components of this product have been identified by ACGIH, IARC, NTP, and/or OSHA as confirmed/suspected human carcinogens:

None Reported

Medical Conditions Aggravated by Over Exposure: In unusual cases, certain pre-existing eye and skin disorders may be affected by exposure to this product.

12) Ecological Information

Ecotoxicological Information: No Data

Chemical Fate Information: No data

13) Disposal Considerations

As local regulations may vary, all waste must be disposed of in accordance with Federal, State, and Local Environmental Protection Regulations. Perform a

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waste determination. As provided, Raybo 273 does NOT exhibit any of the hazardous characteristics of 40 CFR 261 Sub Part C and may be landfilled. Confer with landfill operator. If other means fail, incineration is the preferred disposal method. Preferably; to minimize waste, use ONLY the amount necessary for the intended purpose. Store product properly for future use.

14) Transport Information

Land: USA: Paint Related Material (Non-regulated Liquid)
 International: Non-regulated Liquid
 Marine: IMDG/GGVSee: Non-regulated Liquid
 Air ICAO/IATA: Non-hazardous Liquid

15) Regulatory Information

USA: Consult 29 CFR for applicable OSHA regulations. See Section 2 for permissible exposure limits. See Section 8 for minimum personal protection recommendations.

CERCLA: Reportable Quantities (RQ): None listed

SARA Hazard Categories: Immediate () Delay (X) Fire () Reactive ()
 Sudden Release of Pressure ()

SARA 313 Reportable: None listed

HAP (Hazardous Air Pollutants) None reported

VOC (Volatile Organic Content): . 0.11#/gal (13.48gm/L)

State "Right to Know": The following states have "Right to Know" laws, which may require user notification of Section 2 ingredients. Consult appropriate authorities to determine applicability. CA, NJ, PA, MA, CT, FL, LA, NY, RI.

Specifically: NJ "Right to Know" contents partially unknown

CAS CA Prop 65 NJ PA MA

None Reported

International

Canadian NPRI:

Canadian WHMIS: Class D, Division 2, Sub B

CEPA (DSL) Canadian Environmental Protection Act: Listed

AICS – Australian Inventory of Chemical Substances: Listed

EINECS – European Inventory of Existing Commercial Chemical: Listed

MITI – Japanese Existing & New Chemical Substances List: Listed

SAFETY DATA SHEET**Trade Name:** Raybo 273**Version:** 2.0**Date:** 1-17-08IECSC – Chinese Chemical Substance List:
TCCL – Korean Chemical Substance ListListed
Listed

CA Proposition 65: None Reported

16) Other Information

The provided information pertains to this product as currently formulated, and is based on information made available to us at this time. Addition of reducers or additives to this product may substantially alter the composition and hazards of this product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Department Issuing Safety Data SheetRaybo Chemical Company
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