

SAFETY DATA SHEET**Trade Name:** Raybo 5790 OptiSperse**Version:** 3.0**Date:** 5-1-08**1) Identification of the Substance/Preparation and Company****Trade Name: Raybo 5790 OptiSperse****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%
Fatty Amine Carboxylate Complex CAS NO: * Einecs NO: *	Not Established	Not Established	
Aromatic Petroleum Distillate CAS NO: 64742-94-5 Einecs NO: 649-424-00-3	Not Established		<8.88%
Naphthalene CAS NO: 91-20-3 Einecs NO:	10 PPM	10 PPM	0.95%
1,2,4 Trimethylbenzene CAS NO: 95-63-6 Einecs NO: 601-043-00-3	Not Established		<0.17%

NOTE: CONTENTS PARTIALLY UNKNOWN

- SPECIFIC IDENTITY WITHHELD ON TRADE SECRET GROUNDS.

3) Potential Health Effects and Hazards

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

Eye: Contact/Exposure with liquid or high vapor concentrations can cause severe eye irritation. Symptoms include tearing, blurred vision, stinging, and redness.

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Skin: Prolonged or repeated exposure may result in defatting of the skin causing dermatitis.

Ingestion:

Inhalation: Possible respiratory irritation.

Chronic: No Data
(Information)

Developmental: No Data.
(Information)

Symptoms of Exposure: Signs and symptoms of exposure to this product through eye contact, breathing, swallowing, and/or skin contact/exposure may include, severe eye irritation (tearing and blurred vision), skin irritation, respiratory irritation, dizziness, weakness, fatigue, nausea, headache, breakage of red blood cells, kidney damage, lung damage, and respiratory failure.

4) First Aid Measurers

Eyes: If symptoms develop, remove from exposure. Flush eyes with water to reduce irritation. If symptoms persist, seek immediate medical attention.

Skin: Remove affected clothing. Flush exposed skin with water to reduce irritation. If symptoms persist, seek medical attention.

Ingestion:

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

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

5) Fire Fighting Measurers**Flammable Properties**

Flash Point: 180°F (82°C) **Method:** Tag Closed Cup (TCC)

Flammable Limits:

Lower Flammable Limit: Unknown

Upper Flammable Limit: Unknown

Autoignition Temperature: No Data

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

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Extinguishing Media: Carbon Dioxide, Dry Chemical for small fires. Alcohol type or general purpose foam for large fires. Water spray may be ineffective but may be used to cool fire exposed containers.

Fire Fighting Instructions: Closed containers may explode when exposed to extreme heat. Isolate from heat, electrical equipment, sparks, and open flames. Keep containers tightly closed. If combusted, water spray may be used ineffective. Water spray may be used to cool containers to prevent pressure buildup and possible auto-ignition. Wear self-contained breathing apparatus with all appropriate turn-out gear and chemical resistant protective equipment

6) Accidental Release Measures

Personal Precautions: Provide adequate ventilation. Wear appropriate personal protective equipment (PPE) and exclude those unprotected from the area. Eliminate all sources of ignition.

Environmental Precautions: Prevent discharge to streams, lakes, or other bodies of water. 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. Pump the liquid to a salvage tank. 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 containers (even empty) with caution. Use recommended PPE when handling containers. Ensure availability of emergency eyewash and shower facilities.

Storage: Store closed containers in a cool, well ventilated place, away from ignition sources and incompatible material. Keep containers tightly closed. Empty containers may be hazardous.

8) Exposure Controls/Personal Protection

Engineering Controls: Ambient conditions should be adequate. Provide sufficient mechanical (general or local exhaust) ventilation to maintain exposure below TLV(s) listed in Section 2. Always provide mechanical ventilation of confined spaces.

Respiratory Protection: Not normally required. If engineering controls do not maintain airborne concentrations below recommended exposure limits, (Section 2), an approved (NIOSH/MSHA) respirator must be

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worn. Respirator type: chemical cartridge; mist, organic vapor; may be appropriate up to 10X PEL. Consult your safety administrator. Respiratory protection should be used in compliance with OSHA standard 29 CFR 1910.134.

Skin Protection: During handling and application, wear solvent resistant gloves, rubber or Buna N. Wear clothing/coveralls appropriate for the risk of exposure.

Eye Protection: During handling and application, minimum recommended protection is safety glasses, with fixed side shields, in compliance with OSHA requirements. Chemical type splash proof goggles are advised.

9) Physical and Chemical Properties

Boiling Point: Unknown
 Melting Point: N/A
 Vapor Pressure: Unknown
 Vapor Density: Heavier than air (>1)
 Solubility in Water: Insoluble in water
 Specific Gravity: 0.96 +/- 0.01
 PH: Not applicable
 Odor:
 Appearance: Brown liquid

10) Stability and Reactivity

Chemical Stability: Stable Product

Incompatibility (Conditions to Avoid): Avoid contact with or exposure to strong oxidizing agents (Nitric Acid, Permanganate). Spontaneous heating of Raybo 5790 soaked rags may result in autoignition.

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

Hazardous Polymerization: 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 of Material: The following components of this product have been identified by ACGIH, IARC, NTP, and/or OSHA as confirmed/suspected human carcinogens: None Reported

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Medical Conditions Aggravated by Over Exposure: Persons with known respiratory or skin diseases should avoid contact with liquid or vapor.

12) Ecological Information

Ecotoxicological Information: No Data

Chemical Fate Information: No Data

13) Disposal Considerations

Disposal Information: As local regulations may vary, all waste must be disposed of in accordance with federal, state, and local environmental protection regulations. Preferably; to minimize waste, use only what you need for the application process. Store product properly for future use.

14) Transport Information

Land: USA and Canada: Paint Related Material (Non-regulated Liquid)

International: Paint Related Material (Non-hazardous Liquid)

Marine: IMDG/GGVSee:

Air ICAO/IATA: Paint Related Material (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)
Naphthalene 100#

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

SARA 313 Reportable: Naphthalene <0.95%
1,2,4 Trimethylbenzene <0.17%

HAP (Hazardous Air Pollutants) Naphthalene <0.95%

Priority Pollutants: Naphthalene <0.95%

VOC (Volatile Organic Content): 0.75 lbs/gal (90gm/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.

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Specifically: NJ "Right to Know" contents partially unknown

	CAS	CA Prop 65	NJ	PA	MA
Naphthalene	91-20-3	X	X	X	X
1,2,4 Trimethylbenzene	95-63-6	NO	X	X	X

CA Proposition 65: Naphthalene is listed as a human carcinogen.

International

Canadian NPRI:

Canadian WHMIS: Class B, Division 3, 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

IECSC – Chinese Chemical Substance List: Listed

TCCL – Korean Chemical Substance List: Listed

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 Sheet

Raybo Chemical Company

PO Box 2155

Huntington, WV 25721

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