

**SAFETY DATA SHEET****Trade Name:** Raybo 15 FloInducer**Version:** 1.0**Date:** 1-21-08**1) Identification of the Substance/Preparation and Company****Trade Name:** **Raybo 15 FloInducer****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**

<b>Hazardous Ingredients</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>SARA 313%</b>
Benzoic Acid		None Established	
CAS NO: 65-85-0			
Einecs NO:			

NJ Contents Partially Unknown

**3) Potential Health Effects and Hazards**

HMIS Rating: Health (3) Flammability (1) Reactivity (1) Personal Protection ( )

Eye: Severely irritating or corrosive to the eyes.

Skin: Slight skin irritation.

Ingestion: Highly toxic and possibly fatal if ingested.

Inhalation: No irritation anticipated.

Chronic:  
(Information) Not availableDevelopmental:  
(Information) Not available

Symptoms of Exposure: Symptoms of exposure to this product are eye injury, increased motor activity, and severe gastrointestinal irritation.

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**Eyes:** If symptoms develop, remove from exposure. Flush eyes with water for at least 15 minutes 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:** Seek immediate medical attention

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

**NOTE TO PHYSICIANS:****5) Fire Fighting Measurers****Flammable Properties**

Flash Point: 200°F (93°C) Method: Tag Closed Cup (TCC)

## Flammable Limits:

Lower Flammable Limit: Unknown

Upper Flammable Limit: Unknown

Autoignition Temperature: No Data

Hazardous Combustion Products: Spontaneous heating of Raybo 15 soaked rags may result in autoignition.

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

**6) Accidental Release Measurers**

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 supervisor and proper authorities.

Methods for Cleaning Up: Stop spill at source and dike to prevent spreading. Pump the liquid to a salvage tank. Dispose of as hazardous waste. Do **NOT** landfill.

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**7) Handling and Storage**

Handling: Handle **ONLY** with eye protection in place. Handle all containers (even empty) with caution. (Empty containers retain sufficient liquid and vapor to detonate when heated.) Static charge may accumulate on containers. Metal containers, larger than 1 gallon require grounding and bonding when product is transferred. Do NOT use product near heat, sparks, or open flames. Vapors are heavier than air and may travel along the ground or be moved by ventilation. Ignition can occur from sources quite distant from the initial handling point. Use recommended PPE (Section 8) when handling containers. Ensure the availability of emergency eyewash and shower facilities. Eliminate contamination prior to eating or smoking.

Storage: Store containers in a cool, well ventilated place away from ignition sources and incompatible materials. Keep containers tightly sealed

**8) Exposure Controls/Personal Protection**

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

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (Section 2), an approved (NIOSH/MSHA) respirator must be 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 wear solvent resistant gloves, wear clothing appropriate for the risk of exposure.

Eye Protection: During handling minimum recommended protection is chemical splash proof goggles or face shield in compliance with OSHA regulations. Other type(s) safety glasses may be permitted, consult your safety administrator.

**9) Physical and Chemical Properties**

Boiling Point:	190°F
Melting Point:	Not applicable
Vapor Pressure:	Unknown
Vapor Density:	>1 (Air = 1)
Solubility in Water:	Partial solubility in water
Specific Gravity:	1.023 +/- 0.009
PH:	N/A
Odor:	Pine oil odor
Appearance:	Blue Liquid

**10) Stability and Reactivity**

Chemical Stability: Stable Product

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Incompatibility (Conditions to Avoid): Spontaneous heating of Raybo 15 soaked rags may result in autoignition.

Hazardous Decomposition Products: Products of decomposition include carbon monoxide, carbon dioxide, and various petroleum 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: No component present in reportable concentration has been identified by ACGIH, IARC, NTP, or OSHA as a human carcinogen.

Medical Conditions Aggravated by Over Exposure: None reported

**12) Ecological Information**

Avoid release to sewers, streams, and other bodies of water. **Do NOT landfill**

Chemical Fate Information:

**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. This product is considered a hazardous waste if discarded (by ignitibility, FP < 200° F). **Do Not landfill.** Incinerate or consign to a Hazardous Waste Facility. Contaminated packaging should be emptied completely, appropriately cleaned, and where legal then reused. Uncleanable containers should be recycled.

**14) Transport Information**

Land: USA: Corrosive Liquid N.O.S. (Benzoic Acid) 8, UN3265, PGIII, GUIDE 154

International: Corrosive Liquid N.O.S. (Benzoic Acid) 8, UN3265, PGIII

Marine: IMDG/GGVSee: Corrosive Liquid N.O.S. (Benzoic Acid) 8, UN3265, PGIII, IMCO Class 8, NFMC1499-02, EMS F-A, S-B

Air ICAO/IATA: Corrosive Liquid N.O.S. (Benzoic Acid) 8, UN3265, PGIII

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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):  
Benzoic Acid 5000#

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

SARA 313 Reportable: None

HAP (Hazardous Air Pollutants): None

VOC (Volatile Organic Content): 2.7#/gal 327g/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
Benzoic Acid	65-85-0	NO	X	X	X

CA Proposition 65: No Prop. 65 Constituents

**International**

Canadian NPRI:

Canadian WHMIS: Class E

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

TCCL – Korean Chemical Substance: Listed

IECSC – Chinese 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.

## SAFETY DATA SHEET

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**Department Issuing Safety Data Sheet**

Raybo Chemical Company

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