

SAFETY DATA SHEET**Trade Name:** Raybo 62 HydroFlo**Version:** 1.0**Date:** 1-3-08**1) Identification of the Substance/Preparation and Company****Trade Name:** **Raybo 62 HydroFlo****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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Polyoxalkylene Siloxane	*	Not Established	
CAS NO:	68938-54-5		
Einecs NO:			

NOTE: CONTENTS PARTIALLY UNKNOWN

* SPECIFIC IDENTITY WITHHELD ON TRADE SECRET GROUNDS.

3) Potential Health Effects and Hazards

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

Eye: Contact/Exposure to liquid or high vapor concentrations can cause eye irritation and possible corneal burns.

Skin: Prolonged contact may result in mild irritation.

Ingestion: Single dose oral toxicity is low.

Inhalation: Prolonged inhalation of vapor or mist may be harmful.

Chronic: No Data
(Information)

Developmental: No Data
(Information)

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Symptoms of Exposure: Signs and symptoms of exposure to this product may include irritation to eyes.

4) First Aid Measurers

Eyes: If symptoms develop, remove from exposure. Flush eyes with water while holding eyelids open. Seek medical attention.

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

Ingestion: Do NOT induce vomiting. Seek medical attention.

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

Flammable Limits:

Lower Flammable Limit: No Data

Upper Flammable Limit: No Data

Autoignition Temperature: No Data

Hazardous Combustion Products: Products of combustion may include oxides of carbon and nitrogen..

Extinguishing Media: Carbon dioxide and dry chemical for small fires. Alcohol type or general purpose foam for large fires. Water spray may be ineffective. Water may be used to cool containers to prevent pressure buildup and possible autoignition when exposed to heat.

Fire Fighting Instructions: Wear self-contained breathing apparatus with all appropriate turn-out gear and protective equipment for surrounding media.

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 supervisors or proper authorities that a

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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 containers (even empty) with caution. Do NOT use in or around high temperature areas. Capped containers may build up pressure when exposed to heat and may explode violently. PROTECT FROM FREEZING. Use recommended PPE when handling containers. Ensure availability of emergency eyewash and shower facilities.

Storage: PROTECT FROM FREEZING. Keep tightly closed. Store closed containers in a cool, well ventilated place away from incompatible material.

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 of confined spaces.

Respiratory Protection: Not normally required with good ventilation. If vapor concentration becomes high, increase ventilation to reduce vapors or use an approved (NIOSH/MSHA) respirator. Respirator type: chemical cartridge; mist, organic vapor; may be appropriate up to 10X PEL with dust (particulate) prefilter. 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 chemical 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 chemical splash proof goggles in compliance with OSHA requirements. Other type(s) safety glasses may be permitted. Consult your safety administrator.

9) Physical and Chemical Properties

Boiling Point: 212°F (100°C)
Melting Point: Not Applicable
Vapor Pressure: Not Determined
Vapor Density: Ambient, 1.0 (Air = 1)
Solubility in Water: Soluble
Specific Gravity: 1.004 +/- 0.006
PH: 7.0 +/- 1.0

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Odor: Musty odor
 Appearance: Blue liquid

10) Stability and Reactivity

Chemical Stability: Stable Product

Incompatibility (Conditions to Avoid): PROTECT FROM FREEZING. NOT intended for use in solvent based systems.

Hazardous Decomposition Products: Products of decomposition include carbon monoxide, carbon dioxide and 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: None Reported

Medical Conditions Aggravated by Over Exposure: In unusual case, certain pre-existing eye disorders may be aggravated by exposure to this product.

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. Perform a waste determination. If regulations permit, sodium chloride may be added until the organics precipitate from the water. The water may be processed as industrial waste. Incinerate organics or consign it to a hazardous waste facility. Preferably; to minimize waste, use only what you need for the application process. Store product properly for future use.

14) Transport Information

Land: USA Non-regulated Liquid.

Canada: Non-regulated Liquid.

International: Non-regulated Liquid.

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Marine: IMDG/GGVSee: Non-regulated Liquid.

Air ICAO/IATA: Non-regulated 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)
Not Applicable

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

SARA 313 Reportable: None Reported

HAP (Hazardous Air Pollutants) None Reported

VOC (Volatile Organic Content):
Excluding Water: No VOC
Including Water & Exempt Solvent): No VOC

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				

CA Proposition 65: None Reported

International

Canadian NPRI:	
Canadian WHMIS:	
CEPA (DSL) Canadian Environmental Protection Act:	
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.

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Department Issuing Safety Data Sheet

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