

SAFETY DATA SHEET**Trade Name:** Raybo 61 Aquawet**Version:** 1.0**Date:** 1-10-08**1) Identification of the Substance/Preparation and Company****Trade Name:** **Raybo 61 Aquawet****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%
VM&P Naptha CAS NO: 64742-89-8 Einecs NO: 649-267-00-0	300 PPM	300 PPM	23.2%
Ethanol CAS NO: 64-175 Einecs NO: 603-002-00-5	1000 PPM	1000 PPM	13.2%
Methanol CAS NO: 67-56-1 Einecs NO:	200 PPM	200 PPM	0.1%
Methyl Isobutyl Ketone CAS NO: 108-10-1 Einecs NO:	100 PPM	50 PPM	0.1%
Ethyl Acetate CAS NO: 141-78-6 Einecs NO:	400 PPM	400 PPM	1.3%
N-Heptane CAS NO: 142-82-5 Einecs NO:	500 PPM	400 PPM	2.4%
Toluene CAS NO: 108-88-3 Einecs NO: 203-625-9	100 PPM	50 PPM (Skin)	0.02%

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NOTE: CONTENTS PARTIALLY UNKNOWN

* SPECIFIC IDENTITY WITHHELD ON TRADE SECRET GROUNDS.

3) Potential Health Effects and Hazards

HMIS Rating: Health (2) Flammability (3) Reactivity (1) Personal Protection ()

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

Skin: Brief exposure may cause skin irritation. Prolonged or repeated exposure may result in defatting and skin dermatitis.

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 severe GI irritation.

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). An ethyl alcohol TLV below 100 PPM will **NOT** contribute to cirrhosis of the liver.

Chronic: Prolonged or repeated exposure may result in severe eye irritation, severe GI irritation, defatting and skin dermatitis, respiratory irritation, and possible unconsciousness.
(Information)

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

Symptoms of Exposure: Signs and symptoms of exposure to this product through contact, exposure, or ingestion may include tearing, blurred vision, dizziness, weakness, fatigue, nausea, and headache.

4) First Aid Measures

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. Wash affected skin with soap and water to reduce irritation. If symptoms persist, seek immediate medical attention.

Ingestion: If symptoms develop, seek medical attention/advice.

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).

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Flash Point: 50°F Method: Tag Closed Cup (TCC)

Flammable Limits:

Lower Flammable Limit: 0.9%
Upper Flammable Limit: Unknown

Autoignition Temperature: No Data

Hazardous Combustion Products: Products of combustion may include carbon monoxide, carbon dioxide, hydrocarbons, and oxides of 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 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. Avoid storage in high temperature areas or exposure to heat, sparks, and open flames. Closed containers may explode when exposed to extreme heat. Isolate from heat, electrical equipment, sparks, and open flames. Use recommended PPE when handling containers. Ensure availability of emergency eyewash and shower facilities.

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

8) Exposure Controls/Personal Protection

Engineering Controls: Provide sufficient mechanical ventilation (general or local exhaust) to maintain exposure below the TLV(s) listed in Section 2. Always provide mechanical ventilation of 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; 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 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: 165°F
Melting Point: Not Applicable
Vapor Pressure: 46 mmHg @ 68°F
Vapor Density: 3.8
Solubility in Water: Dispersible in water
Specific Gravity: 0.85
PH:
Odor: Mild organic odor
Appearance: Amber liquid

10) Stability and Reactivity

Chemical Stability: Stable Product

Incompatibility (Conditions to Avoid): Avoid contact with or exposure to strong oxidizing agents and strong acids.

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

Hazardous Polymerization: Product will **NOT** undergo hazardous polymerization.

Thermal Decomposition: No decomposition when used as directed.

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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: Benzene, by the state of California. Benzene and Toluene are reported as a reproductive toxins.

Ethyl Benzene has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. The International Agency for Research on Cancer (IARC) has classified Ethyl Benzene as a possible human carcinogen.

Medical Conditions Aggravated by Over Exposure: Certain pre-existing respiratory and skin disorders may be aggravated by exposure to this product.

12) Ecological Information

Ecotoxicological Information: No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting.

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. Incinerate waste liquid or consign it to a hazardous waste facility. **DO NOT LANDFILL** Preferably; to minimize waste, use only what you need for the application process. Store product properly for future use.

14) Transport Information

Land: USA Paint Related Material, 3, UN1263, PGII

International: Flammable Liquid N.O.S. (Petroleum Aliphatic Hydrocarbon, Ethanol) 3, UN1993, PGII, IMCO Class 3.2

Marine: IMDG/GGVSee: Flammable Liquid N.O.S. (Petroleum Aliphatic Hydrocarbon, Ethanol) 3, UN1993, PGII, IMCO Class 3.2, EMS F-E, S-E

Air ICAO/IATA: Flammable Liquid N.O.S. (Petroleum Aliphatic Hydrocarbon, Ethanol) 3, UN1993, PGII

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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)
 Benzene 10#
 Toulene 1000#
 Methanol 5000#
 Methyl Isobutyl Ketone 5000#
 Ethyl Acetate 5000#

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

SARA 313 Reportable:

Toluene (CAS 108-88-3) 0.02%
 Methanol (CAS 67-56-1) 0.1%
 Methyl Isobutyl Ketone (CAS 108-10-1) 0.1%

HAP (Hazardous Air Pollutants)
 Xylene, Ethyl Benzene, Toulene, Benzene

VOC (Volatile Organic Content): 2.77#/gal 332g/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
Benzene	71-43-2	X	X	X	X
Toluene	108-88-3	X	X	X	X
Ethanol	64-17-5	X	X	X	X
Methanol	67-56-1	X	X	X	X
N-Heptane	142-82-5	X	X	X	X
Methyl Isobutyl Ketone	108-10-1	X	X	X	X
Ethyl Acetate	141-78-6	X	X	X	X

CA Proposition 65: Benzene is listed as human carcinogen. Benzene and Toluene are known by the state of California to cause reproductive harm.

International

Canadian NPRI:
 Canadian WHMIS: Class B, Division 2, Class D, Division 2, Sub A

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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

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

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