

SAFETY DATA SHEET**Trade Name:** Raybo 60 NoRust**Version:** 1.0**Date:** 1-2-08**1) Identification of the Substance/Preparation and Company****Trade Name: Raybo 60 NoRust****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%
Alkylamine CAS NO: * Einecs NO: *		5 PPM Ceiling (Skin Notation)	
Sodium Nitrite CAS NO: 7632-00-0 Einecs NO: 007-010-004		Not Established	10.2%

NOTE: CONTENTS PARTIALLY UNKNOWN

* SPECIFIC IDENTITY WITHHELD ON TRADE SECRET GROUNDS.

3) Potential Health Effects and Hazards

HMIS Rating: Health (1) 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: Exposure may cause slight skin irritation with itching and local redness. Avoid prolonged or repeated exposure.

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 be harmful.

Inhalation: Breathing of vapor or mist during normal handling and use is possible. Breathing small amounts during normal handling is not likely to cause

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harmful effects. Breathing large amounts during application or misuse of product may be harmful. Avoid air concentrations exceeding recommended exposure limits (SEE SECTION 2).

Chronic:
(Information) No Data

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

Symptoms of Exposure: Signs and symptoms of exposure to this product through contact, exposure, or ingestion may include irritation to skin, eyes, nose, and throat.

4) First Aid Measurers

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

Ingestion: If symptoms develop, seek medical attention/advice. Contact a doctor or poison control center for advice about whether to induce vomiting.

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: No Flash Method: Tag Open Cup (TOC)

Flammable Limits:

Lower Flammable Limit: Not Applicable

Upper Flammable Limit: Not Applicable

Autoignition Temperature: Not Applicable (Raybo 60 will NOT support combustion).

Hazardous Combustion Products: Oxides of carbon and nitrogen.

Extinguishing Media: As appropriate with surrounding media. Product will NOT support combustion, per 49CFR 173. Appendix H.

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

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. 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. Product will NOT support combustion. Sealed containers may build-up steam pressure when exposed to heat and may explode violently. Use recommended PPE when handling containers. Ensure availability of emergency eyewash and shower facilities.

Storage: PROTECT FROM FREEZING! Freezing may result in crystallization, which requires heat and agitation to reincorporate. Keep containers tightly closed. Store closed containers in a cool, well ventilated place away from ignition sources and 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. 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 chemical resistant gloves, rubber or Buna N. Wear clothing/coveralls appropriate for the risk of exposure.

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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: 17 mmHg @ 68°F
Vapor Density: Heavier than air (>1)
Solubility in Water: Soluble
Specific Gravity: 1.116 +/- 0.006
PH: 10.5 +/- 0.5
Odor: Amine odor
Appearance: Near water white, Transparent liquid

10) Stability and Reactivity

Chemical Stability: Stable Product

Incompatibility (Conditions to Avoid): Avoid contact with or exposure to concentrated mineral acids. PROTECT FROM FREEZING. Not for use in solvent based systems.

Hazardous Decomposition Products: No Data

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

Medical Conditions Aggravated by Over Exposure: In unusual cases, certain pre-existing eye, skin, and respiratory 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.

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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 cosign 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: Pails & Drums: Paint Related Material (Non-regulated Liquid)

Totes: Environmentally Hazardous Substances, Liquid N.O.S. (Sodium Nitrite) 9, UN3082, PGIII, Class 9.2, Division 1, Class 55, GUIDE 171

Canada: Paint Related Material (Non-regulated Liquid)

Germany: Environmentally Hazardous Substances, Liquid N.O.S. (Sodium Nitrite) 9, UN3082, PGIII, Class 9.2, Division 1, Class 55, GUIDE 171, EMS F-A, S-F

International: Non-regulated Liquid

Marine: IMDG/GGVSee:

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. NOTE: The Alkylamine has a ceiling of 5 PPM with a skin notation.

CERCLA: Reportable Quantities (RQ)
Sodium Nitrite 100#

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

SARA 313 Reportable: Sodium Nitrite 10.2%

HAP (Hazardous Air Pollutants) None

Priority Pollutants: None

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VOC (Volatile Organic Content):

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
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CA Proposition 65: None Reported

International

Canadian NPRI:

Canadian WHMIS: Class D, Division 1, Sub A, Class E

CEPA (DSL) Canadian Environmental Protection Act:

HMIRC #6726

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 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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