

SECTION 1: IDENTIFICATION**Product Identifier**

Product Name	Product Form	Product Code
RHOMA-SOL™	Liquid	RH-625

Relevant identified uses of the substance or mixture:

Specialty cleaner, degreaser for removing tar, asphalt, graffiti, adhesives, etc.

Details of the supplier of the safety data sheet

Rhomar Industries, Inc.
2107 E. Rockhurst St.
Springfield, MO 65802 USA
T 417-866-5592; F 417-866-5593
solutions@rhomar.com

Emergency telephone number

1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION**Classification:**

Skin Corrosion/Irritation (Category 2)
Eye damage/eye irritation (Category 2B)
Skin sensitization (Category 1)
Acute aquatic toxicity (Category 2)

Hazard Statements:

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Toxic to aquatic life.

Precautionary Statements**Prevention:**

Avoid breathing dust/fume/gas/mist.
Wash face, hands, and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid release to the environment.

Response:

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

Skin/Hair Contact: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Remove/take off contaminated clothing and wash before reuse.

Ingestion: Call a Poison Center or doctor/physician. Do not induce vomiting. Rinse mouth.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a Poison Control Center or doctor/physician if you feel unwell.

Storage:

Store locked up in a cool, dry, well-ventilated place. Keep out of reach of children. Keep unused container tightly closed and in upright position.

Disposal:

Dispose of contents/container to an approved waste disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other Hazards:

None known.



Signal Word:
Warning

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
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Mixture

Name	CAS #	Weight %
Citrus Sinensis	68647-72-3	25-50
2-(2-butoxyethoxy)ethanol	112-34-5	5-10
Bis(2-hydroxyethyl)amine	111-42-2	1-5
Proprietary Emulsifier	Proprietary	25-50

The balance of ingredients are not classified as hazardous to health or the environment. The specific chemical identity and/or exact percentage has been withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

General Advice: If exposed or concerned, get medical advice/attention.

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a doctor/physician.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a Poison Center or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash skin with plenty of water. If skin irritation persists, call a doctor/physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms: May cause skin irritation and serious eye irritation with reddening and watering.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES
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Suitable Extinguishing Media: Water spray, alcohol resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical: Carbon oxides.

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions: Use personal protective equipment as required. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods for Containment: Prevent further leakage or spillage if safe to do so by containing with inert absorbent. Avoid releasing into the environment.

Methods for Clean Up: Collect liquid in a sealable container. Sprinkle inert absorbent compound onto spill, then sweep into a container. Keep suitable, closed containers for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool, and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	CAS #	ACGIH TWA	OSHA TWA	NIOSH
Citrus Sinensis	68647-72-3	Not Established	Not Established	Not Established
2-(2-butoxyethoxy)ethanol	112-34-5	10ppm	Not Established	Not Established
Bis(2-hydroxyethyl)amine	111-42-2	2 mg/m ³	2 mg/m ³	Not Established

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles/ face shield where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid		
Color	Orange		
pH	8.3	Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	No data available	Flash Point	>46°C (115°F)
Evaporation Rate	No data available	Flammability (Solid, Gas)	N/A – Liquid
Upper Flammable Limits	6.1%	Lower Flammable Limits	0.7%
Vapor Pressure	No data available	Vapor Density	No data available
Specific Gravity	0.93	Water Solubility	Miscible
Partition Coefficient	No data available	Autoignition Temperature	No data available
Decomposition Temperature	No data available	Kinematic Viscosity	No data available
Dynamic Viscosity	No data available	Explosive Properties	Keep away from heat, flame, and sparks
Oxidizing Properties	No data available	Odor	Citrus
Odor Threshold	No data available	Solubility in Other Solvents	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: No hazardous polymerization.

Conditions to Avoid: Sources of ignition, extreme heat.

Incompatible Materials: Oxidizing agents, strong acids.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, acrid smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mist.

Eye Contact: Causes severe eye irritation.

Skin Contact: Causes skin irritation, dry skin, redness.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Citrus Sinensis	68647-72-3	>5000 mg/kg (Rat)	>5000 g/kg (Rabbit)	No data available
2-(2-butoxyethoxy)ethanol	112-34-5	4500 mg/kg (Rat)	2764 mg/kg (Rabbit)	No data available
Bis(2-hydroxyethyl)amine	111-42-2	710 mg/kg (Rat)	>12200 g/kg (Rabbit)	No data available

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: Bis(2-hydroxyethyl)amine: IARC GROUP 2B POSSIBLY CARCINOGENIC TO HUMANS.

Numerical Measures of Toxicity: Not determined.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/Aquatic Plants	Fish	Aquatic Invertebrates
Citrus Sinensis	68647-72-3	No data available	LC50 - Pimephales promelas (fathead minnow) 0.702 mg/l - 96 h	EC50 - Daphnia pulex (Water flea) – 69.6 mg/l 48 h
2-(2-butoxyethoxy)ethanol	112-34-5	EC-50 (Alga, 96 h): > 100 mg/l	LC-50 (Fish, 96 h): 1,300 mg/l	EC-50 (daphnid, 48 h): > 100 mg/l
Bis(2-hydroxyethyl)amine	111-42-2		LC50 Fathead minnow: 1,460 mg/l 96 hours	

Persistence and Degradability: No data available.

Bioaccumulation: No data available.

Mobility: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 14: TRANSPORT INFORMATION

Limited Quantity Packaging: 1-gallon or less.

GROUND: Bulk and Non-Bulk: NOT REGULATED

OCEAN: Bulk and Non-Bulk: UN2319 TERPENE HYDROCARBONS, NOS, 3, III, MARINE POLLUTANT (D-LIMONENE)

AIR: Bulk and Non-Bulk: UN2319 TERPENE HYDROCARBONS, NOS, 3, III

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA Title III Section 311/312 (40CFR370): Acute, chronic health hazard.

SARA Title III Section 313 (40CFR372): Diethanolamine is listed under Section 313.

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included.

OSHA/NTP/IARC Carcinogen Status: listed.

Canadian DSL Status: Reported/included.

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity: Diethanolamine is listed under California Prop 65.

US State Regulations

US State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Bis(2-hydroxyethyl)amine	X	X	X

SECTION 16: OTHER INFORMATION

HMIS Ratings:

Health:	2
Flammability:	1
Reactivity:	0
Personal Protection:	B

Date Sheet Prepared: 5/5/2025

Indication of changes: Revision 3 (section 14)

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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