

SAFETY DATA SHEET PREMALUBE RED #1

Supersedes Date: 03/28/2023

Issuing Date: 07/17/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PREMALUBE RED #1
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code: 4570
Chemical nature Petroleum distillates Mixture
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Red
Appearance Transparent

Physical state Solid

Odor Mild Petroleum

GHS
Classification
Physical Hazards
None

Health Hazard
Skin sensitization

Category 1

Hazards not otherwise classified (HNOC)
Not applicable

Labeling
Signal word
Warning



Hazard statements
May cause an allergic skin reaction

Precautionary statements
Wear protective gloves, protective clothing and eye protection.
Avoid breathing mist.
Contaminated work clothing must not be allowed out of the workplace
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Take off contaminated clothes and wash before reuse.
Dispose of contents and container in accordance with applicable regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
2,5-Bis(octyldithio)-1,3,4-thiadiazole	13539-13-4	0.1-1.0

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice	Show this safety data sheet to the doctor in attendance.
Eye contact	No hazards which require special first aid measures.
Skin contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
Inhalation	No hazards which require special first aid measures.
Ingestion	No hazards which require special first aid measures.

Most important symptoms and effects, both acute and delayed
Symptoms Itching. Rashes. Hives. Prolonged contact may cause redness and irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians

May cause sensitization in susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Flash Point** No data available**Flammability Limits in Air %:** Not applicable.**Method** No data available**Upper flammability limit:** No information available**Lower flammability limit:** No information available**Suitable Extinguishing Media**Water spray. Foam. Carbon dioxide (CO₂). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.**Specific hazards arising from the chemical**

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA**Health hazards** 2**Flammability** 1**Stability** 0**HMIS****Health hazards** 2**Flammability** 1**Physical Hazard** 0**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers.

Neutralizing Agent

Not applicable.

7. HANDLING AND STORAGE**Handling**

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Storage

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature**Minimum** 10 °F / -12 °C**Maximum** 120 °F / 49 °C**Storage Conditions****Indoor** X **Outdoor** X **Heated** x **Refrigerated** x**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

Wear suitable protective clothing. Impervious gloves.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical state**

Solid

Kinematic viscosity

Viscous

Color

Red

Odor

Mild Petroleum

Odor threshold

Not applicable

Appearance

Transparent

pH

Not applicable

Specific Gravity

0.908

Evaporation Rate

0 (Butyl acetate=1)

Percent Volatile (Volume)

0

VOC content

0.01

VOC Content (g/L)

0.09

Product VP (mmHg @ 70°F)

0.092398

Relative vapor density

No information available

Solubility(ies)

Negligible

n-Octanol/Water Partition

No data available

Melting Point/Range

No data available

Decomposition temperature

No data available

Initial boiling point and boiling range

Not applicable

Flammability (solid, gas)

No data available

Flash Point

No data available

Method

No data available

Autoignition Temperature

No information available

Upper flammability limit: No information available **Lower flammability limit:** No information available**Flammability Limits in Air %:**

Not applicable

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable. Hazardous polymerization does not occur.

Conditions to Avoid**Incompatible Products****Decomposition temperature****Hazardous decomposition products****Possibility of Hazardous Reactions**

Keep away from open flames, hot surfaces, and sources of ignition, Protect from direct sunlight and extremes of temperatures.
 Strong oxidizing agents, Strong acids, Strong bases.
 No data available
 Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Aldehydes, Ketones.
 None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

No information available

The following values are calculated based on chapter 3.1 of the GHS document**ATEmix (oral)**

No information available

ATEmix (dermal)

No information available

Inhalation LC50**ATEmix (inhalation-gas)**

No information available

ATEmix (inhalation-dust/mist)

No information available

ATEmix (inhalation-vapor)

No information available

Principle Route of Exposure

Skin contact, Eye contact.

Primary Routes of Entry

None known.

Acute Effects:**Eyes**

Low hazard for usual industrial or commercial handling.

Skin

May cause allergic skin reaction.

Inhalation

Low hazard for usual industrial or commercial handling.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic toxicity

Prolonged skin contact may defat the skin and produce dermatitis. May cause sensitization by skin contact.

Target organ effects

Immune system.

Aggravated Medical Conditions

Skin disorders, Allergies.

Component Information**Acute Toxicity**

No information available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
2,5-Bis(octyldithio)-1,3,4-thiadiazole 13539-13-4	No data available	Skin Sensitization	No data available	No data available	No data available

Carcinogenicity

There are no known carcinogens in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available**Persistence and Degradability**

No information available

Bioaccumulation

No information available

Mobility

No information available

Additional Ecological Information:

No information available

Component Information

No information available

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT

Not regulated

TDG

Not regulated

ICAO (air)

Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION**Inventories**

TSCA Listed

DSL/NDSL Listed

NOTE: One or more components are listed on the NDSL.

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Antimony dialkyldithiocarbamate	15890-25-2	0.1-1.0	1.0
Barium dinonylnaphthalene sulfonate	25619-56-1	0.1-1.0	1.0

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

16. OTHER INFORMATION

Prepared By Pamela Starkey

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Revision Note No information available

Glossary No information available

List of References. No information available

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