

# Safety Data Sheet: PREMALUBE RED #1

Supersedes Date: 08/31/2016

Issuing Date: 01/04/2022

## 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

**Physical state** Grease

**Odor** Mild Petroleum

### GHS Classification

Physical Hazards  
None

Health Hazard  
Skin sensitization

Category 1A

Other hazards  
None

**Labeling**  
Signal Word  
**WARNING**



Hazard statements  
H317 - May cause an allergic skin reaction

Precautionary Statements  
P280 - Wear protective gloves, protective clothing and eye protection.  
P261 - Avoid breathing mist  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P333 + P313 - If skin irritation or rash occurs, get medical attention  
P362 - Take off contaminated clothing and wash before reuse.  
P501 - Dispose of contents and container in accordance with applicable regulations

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
2,5-Bis(octylidithio)-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** Avoid contact with skin, eyes and clothing. Avoid breathing mist.  
**Eye Contact** No hazards which require special first aid measures.  
**Skin Contact** Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.  
**Inhalation** No hazards which require special first aid measures.  
**Ingestion** No hazards which require special first aid measures.  
**Notes to physician** Treat symptomatically. May cause sensitization of susceptible persons.

## 5. FIRE-FIGHTING MEASURES

**Flash Point** > 330 °F / > 166 °C**Method** Open cup**Flammability Limits in Air %:** Not applicable.**Upper:** No data available**Lower:** No data available**Suitable Extinguishing Media**

Water spray. Foam. Carbon dioxide (CO<sub>2</sub>). 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 2**Flammability** 1**Instability** 0**HMIS -** Health 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).

**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

<b>Physical state</b>	Grease	<b>Viscosity</b>	Viscous
<b>Color</b>	Red	<b>Odor</b>	Mild Petroleum
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Transparent
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	0.91
<b>Evaporation Rate</b>	0 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	0
<b>VOC Content (%)</b>	0.02	<b>VOC Content (g/L)</b>	0.18
<b>Vapor pressure</b>	0.42 mmHg @ 70°F	<b>Vapor Density</b>	5.8 (Air = 1.0)
<b>Solubility</b>	Negligible	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	No data available	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	Not applicable	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	> 330 °F / > 166 °C	<b>Method</b>	Open cup
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %:</b>	Not applicable	<b>Upper:</b>	No data available
		<b>Lower:</b>	No data available

## 10. STABILITY AND REACTIVITY

**Chemical Stability**

Stable. Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep away from open flames, hot surfaces, and sources of ignition, Protect from direct sunlight and extremes of temperatures.

**Incompatible Products**

Strong oxidizing agents, Strong acids, Strong bases.

**Decomposition Temperature**

No data available

**Hazardous Decomposition Products**

Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Sulfur

**Possibility of Hazardous Reactions** 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**

**Oral LD50** No information available

**Dermal LD50** No information available

**Inhalation LC50**

**Gas** No information available

**Mist** No information available

**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(octylidithio)-1,3,4-thiadiazole 13539-13-4	No data available	Skin Sensitization	No data available	No data available	Immune system

**Carcinogenicity** There are no known carcinogens in this product.

## 12. ECOLOGICAL INFORMATION

Product Information 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** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

## 15. REGULATORY INFORMATION

**Inventories**

**TSCA** Listed  
**DSL / NDSL** One or more components are not listed  
**NOTE:** One or more components are listed on the NDSL. This product contains the following components that are not on the Canadian DSL nor NDSL lists: NSN#20662

**U.S. 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
Barium dinonylnaphthalene sulfonate	25619-56-1	0.1-1.0	1.0

**SARA 311/312 Hazardous Categorization**

See Section 2

**CERCLA** None

## 16. OTHER INFORMATION

**Prepared By** Pamela Starkey  
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**Reason for Revision** No information available.  
**Glossary** No information available.  
**List of References.** No information available.

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