

# Material Safety Data Sheet: PREMALUBE RED

Supersedes Date 09/19/2011

Issuing Date 10/18/2013

## 1. PRODUCT AND COMPANY IDENTIFICATION

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

**Product Code** 4566  
**Chemical nature** mixture  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300

## 2. HAZARDS IDENTIFICATION

**Emergency Overview**  
CAUTION  
May cause skin irritation  
May cause eye irritation

<b>Color</b> Red	<b>Physical State</b> Grease	<b>Odor</b> Oily
<b>Potential Health Effects</b>		
<b>Principle Route of Exposure</b>	Eye contact, Skin contact.	
<b>Primary Routes of Entry</b>	None known	
<b>Acute Effects</b>		
<b>Eyes</b>	May cause eye irritation.	
<b>Skin</b>	May cause skin irritation.	
<b>Inhalation</b>	Low hazard for usual industrial or commercial handling.	
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	
<b>Chronic Toxicity</b>	Prolonged skin contact may defat the skin and produce dermatitis.	
<b>Target Organ Effects</b>	Respiratory system, Cardiovascular system, Skin, Eyes.	
<b>Aggravated Medical Conditions</b>	Skin disorders, Respiratory disorders.	
<b>Potential Environmental Effects</b>	See Section 12 for additional Ecological information.	

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	64742-52-5
Aluminum benzoate fatty acid complex	82980-54-9
Antimony dialkyldithiocarbamate	15890-25-2
Styrene-Ethylene/Propylene Block Copolymer	68648-89-5
Barium dinonylnaphthalene sulfonate	25619-56-1

## 4. FIRST AID MEASURES

<b>General advice</b>	Avoid contact with skin, eyes and clothing.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
<b>Skin Contact</b>	Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
<b>Ingestion</b>	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth.
<b>Notes to physician</b>	Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b> 450 °F / 232 °C	<b>Method</b> Tag closed 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
<b>Suitable Extinguishing Media</b>	
Water spray. Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
<b>Specific hazards arising from the chemical</b>	
Material can create slippery conditions.	
<b>Protective Equipment and Precautions for Firefighters</b>	

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

NFPA	Health 1	Flammability 1	Instability 0
HMS	Health 1	Flammability 1	Instability 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	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)
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labeled containers
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing.			
<b>Storage</b>	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
<b>Storage Temperature</b>	<b>Minimum</b>	0 °F / -18 °C	<b>Maximum</b>	120 °F / 49 °C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b> <b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	TWA: 5 mg/m <sup>3</sup> ; STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	IDLH: 2,500 mg/m <sup>3</sup> ; STEL 10 mg/m <sup>3</sup> ; TWA: 5 mg/m <sup>3</sup>
Aluminum benzoate fatty acid complex	No data available	No data available	No data available
Antimony dialkyldithiocarbamate	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	IDLH: 50 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>
Styrene-Ethylene/Propylene Block Copolymer	No data available	No data available	No data available
Barium dinonylnaphthalene sulfonate	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup>

<b>Engineering Measures</b>	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.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
<b>Respiratory Protection</b>	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>General Hygiene Considerations</b>	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Grease	<b>Viscosity</b>	Semi-Solid
<b>Color</b>	Red	<b>Odor</b>	Oily
<b>Appearance</b>	Transparent	<b>pH</b>	Not applicable
<b>Specific Gravity</b>	0.89	<b>Evaporation Rate</b>	0 (BuAc = 1)
<b>Percent Volatile (Volume)</b>	0.2	<b>VOC Content (%)</b>	0.2
<b>VOC Content (g/L)</b>	2	<b>Vapor Pressure</b>	0.02 mmHg @ 70°F
<b>Vapor Density</b>	5.6 (Air = 1.0)	<b>Solubility</b>	Negligible
<b>Boiling Point/Range</b>	> 450 °F / 232 °C		

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	None known
<b>Incompatible Products</b>	Strong oxidizing agents, Reducing agents, Strong acids, Bases.
<b>Hazardous Decomposition Products</b>	Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Metal oxides, Sodium oxides, Aldehydes, Amines, Phenols.
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

**Product Information**

No information available.

**Component Information****Acute Toxicity**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	no data available	no data available	no data available
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	no data available
Antimony dialkyldithiocarbamate	no data available	no data available	no data available	no data available	no data available
Styrene-Ethylene/Propylene Block Copolymer	no data available	no data available	no data available	no data available	no data available
Barium dinonylnaphthalene sulfonate	no data available	no data available	no data available	no data available	no data available

**Chronic Toxicity**

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	respiratory system
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	no data available
Antimony dialkyldithiocarbamate	no data available	no data available	no data available	no data available	respiratory system, CVS, skin, eyes
Styrene-Ethylene/Propylene Block Copolymer	no data available	no data available	no data available	no data available	no data available
Barium dinonylnaphthalene sulfonate	no data available	no data available	no data available	no data available	no data available

**Carcinogenicity**

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Aluminum benzoate fatty acid complex	not applicable	not applicable	not applicable	not applicable	not applicable
Antimony dialkyldithiocarbamate	not applicable	not applicable	not applicable	not applicable	not applicable
Styrene-Ethylene/Propylene Block Copolymer	not applicable	not applicable	not applicable	not applicable	not applicable
Barium dinonylnaphthalene sulfonate	not applicable	not applicable	not applicable	not applicable	not applicable

**12. ECOLOGICAL INFORMATION****Product Information**

No information available.

**Component Information**

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50> 1000 mg/L 48 h	N/A
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	N/A
Antimony dialkyldithiocarbamate	no data available	no data available	no data available	no data available	N/A
Styrene-Ethylene/Propylene Block Copolymer	no data available	no data available	no data available	no data available	N/A
Barium dinonylnaphthalene sulfonate	no data available	no data available	no data available	no data available	N/A

**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 Complies  
 DSL Complies

**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

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Antimony dialkyldithiocarbamate	15890-25-2	1-5	1.0
Barium dinonylnaphthalene sulfonate	25619-56-1	1-5	1.0

**SARA 311/312 Hazardous Categorization**

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

**CERCLA**

Component	Hazardous Substances RQs	CERCLA EHS RQs
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	Not applicable	Not applicable
Aluminum benzoate fatty acid complex	Not applicable	Not applicable
Antimony dialkyldithiocarbamate	Not applicable	Not applicable
Styrene-Ethylene/Propylene Block Copolymer	Not applicable	Not applicable
Barium dinonylnaphthalene sulfonate	Not applicable	Not applicable

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

D2B Toxic materials

**16. OTHER INFORMATION**

Prepared By Sarah Williamson  
 Supersedes Date 09/19/2011  
 Issuing Date 10/18/2013  
 Reason for Revision No information available.  
 Glossary No information available.  
 List of References. No information available.

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