

**Material Safety Data Sheet: PREMALUBE RED (35#)**

Supersedes Date 09/07/2005

Issuing Date 10/16/2008

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name** PREMALUBE RED (35#)  
**Product Code** 4566  
**Information on Manufacturer**  
 CERTIFIED LABS, DIV. OF NCH CORP.  
 BOX 152170  
 IRVING, TEXAS 75015

**Recommended Use** Lubricant  
**Chemical Nature** Mixture  
**Imported by:** NCH INDIA PVT LTD  
**114, SIDCO Industrial estate, Ambattur, Chennai - 98.**  
**Emergency Telephone Number +91-44-26350176 / 42077898**

**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>	May cause irritation of respiratory tract.	
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea .	
<b>Chronic Effects</b>	Prolonged exposure may cause chronic effects. Lung edema . Prolonged or repeated skin contact with liquid may cause defatting resulting in drying, redness and possible blistering.	
<b>Target Organ Effects</b>	No information available	
<b>Aggravated Medical Conditions</b>	Skin disorders.	
<b>Potential Environmental Effects</b>	See Section 12 for additional Ecological information	

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS-No
Antimony dialkyldithiocarbamate	15890-25-2
Barium dinonylnaphthalene sulfonate	25619-56-1
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	64742-52-5
Styrene-Ethylene/Propylene Block Copolymer	68648-89-5
White mineral oil, solvent refined	8042-47-5
Aluminum benzoate fatty acid complex	82980-54-9

**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>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<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.
<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> No information available		
<b>Suitable Extinguishing Media</b>		
Water spray. Foam. Carbon dioxide (CO2). Dry chemical.		
<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.		
<b>NFPA</b>	<b>Health</b> 1	<b>Flammability</b> 1 <b>Instability</b> 0
<b>HMS</b>	<b>Health</b> 1	<b>Flammability</b> 1 <b>Instability</b> 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>	No information available
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labelled containers.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing.				
<b>Storage</b>	Keep container tightly closed in a dry 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>	X	<b>Heated</b> <b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
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>
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>
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	No data available	no data available	no data available
Styrene-Ethylene/Propylene Block Copolymer	No data available	no data available	no data available
White mineral oil, solvent refined	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	IDLH 2500 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>
Aluminum benzoate fatty acid complex	No data available	no data available	no data available

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas
<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.
<b>Respiratory Protection</b>	No special protective equipment required
<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.

## 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>	Opaque	<b>pH</b>	Not applicable
<b>Specific Gravity</b>	0.89	<b>Bulk Density</b>	No data available
<b>Evaporation Rate</b>	No information available	<b>Percent Volatile (Volume)</b>	0
<b>VOC Content (%)</b>	0	<b>Vapor Pressure</b>	<0.01 mmHg @ 70 °F
<b>Vapor Density</b>	4.2	<b>Solubility</b>	Insoluble
<b>Boiling Point/Range</b>	>450°F / 232°C		

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions. Hazardous polymerization does not occur .
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Products</b>	Strong oxidizing agents. Reducing agents.
<b>Hazardous Decomposition Products</b>	Carbon oxides. Nitrogen oxides (NOx). Sulfur oxides . Antimony oxide. Sulfides . Hydrogen sulfide and smoke.. Aldehydes . Amines. Ketones. Hydrocarbons.
<b>Possibility of Hazardous Reactions</b>	Hazardous polymerization does not occur

## 11. TOXICOLOGICAL INFORMATION

Product Information                      No information available

## Component Information

## Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Antimony dialkyldithiocarbamate	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
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	5000 mg/kg ( Rat )	2000 mg/kg ( Rabbit )	2.18 mg/L ( Rat ) 4 h	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
White mineral oil, solvent refined	5000 mg/kg ( Rat )	no data available	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

## Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Antimony dialkyldithiocarbamate	no data available	no data available	no data available	no data available	respiratory system, CVS, skin, eyes
Barium dinonylnaphthalene sulfonate	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	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

White mineral oil, solvent refined	no data available	no data available	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

**Carcinogenicity**

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

Component	NTP	OSHA	Other
Antimony dialkyldithiocarbamate	not applicable	not applicable	not applicable
Barium dinonylnaphthalene sulfonate	not applicable	not applicable	not applicable
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	not applicable	not applicable	not applicable
Styrene-Ethylene/Propylene Block Copolymer	not applicable	not applicable	not applicable
White mineral oil, solvent refined	not applicable	not applicable	not applicable
Aluminum benzoate fatty acid complex	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
Antimony dialkyldithiocarbamate	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
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	no data available	LC50> 5000 mg/L Pimephales promelas 96 h	no data available	EC50 > 1000 mg/L 48 h	N/A
Styrene-Ethylene/Propylene Block Copolymer	no data available	no data available	no data available	no data available	N/A
White mineral oil, solvent refined	no data available	LC50> 10000 mg/L Lepomis macrochirus 96 h	no data available	no data available	6
Aluminum benzoate fatty acid complex	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 Do not re-use empty containers

**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 Does not Comply

**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 and Title 40n 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	No	No	No	No

## CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Antimony dialkyldithiocarbamate	Not applicable	Not applicable
Barium dinonylnaphthalene sulfonate	Not applicable	Not applicable
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	Not applicable	Not applicable
Styrene-Ethylene/Propylene Block Copolymer	Not applicable	Not applicable
White mineral oil, solvent refined	Not applicable	Not applicable
Aluminum benzoate fatty acid complex	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	Dan Hollas
Supersedes Date	09/07/2005
Issuing Date	10/16/2008
Reason for Revision	No information available
Glossary	No information available
List of References	No information available

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