Material Safety Data Sheet: PREMALUBE RED

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

Color: Red
Physical State: Grease
Odor: Oily

Potential Health Effects
Principle Route of Exposure
Eye contact, Skin contact.

Primary Routes of Entry
None known

Acute Effects
Eyes
May cause eye irritation.

Skin
May cause skin irritation.

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.

Target Organ Effects
Respiratory system, Cardiovascular system, Skin, Eyes.

Aggravated Medical Conditions
Skin disorders, Respiratory disorders.

Potential Environmental Effects
See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

4. FIRST AID MEASURES

General advice
Avoid contact with skin, eyes and clothing.

Eye Contact
Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact
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.

Inhalation
If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion
Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth.

Notes to physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point
450 °F / 232 °C
Method
Tag closed cup

Autoignition Temperature
No information available.

Flammability Limits in Air
Not applicable.

Upper
No data available
Lower
No data 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, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA**  Health 1  Flammability 1  Instability 0
**HMIS**  Health 1  Flammability 1  Instability 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**
Pick up and transfer to properly labeled containers

**Neutralizing Agent**
Not applicable.

### 7. HANDLING AND STORAGE

**Handling**
Avoid contact with skin, eyes and clothing.

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

**Storage Temperature**
- Minimum: 0 °F / -18 °C
- Maximum: 120 °F / 49 °C

**Storage Conditions**
- Indoor X
- Outdoor
- Heated
- Refrigerated

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrocracked heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>TWA: 5 mg/m³, STEL: 10 mg/m³³</td>
<td>TWA: 5 mg/m³³</td>
<td>IDLH: 2,500 mg/m³³, STEL 10 mg/m³³, TWA: 5 mg/m³³</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Antimony dialkyldithiocarbamate</td>
<td>TWA: 0.5 mg/m³³</td>
<td>TWA: 0.5 mg/m³³</td>
<td>IDLH: 50 mg/m³³</td>
</tr>
<tr>
<td>Styrene-Ethylene/Propylene Block Copolymer</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Barium dinonylnaphthalene sulfonate</td>
<td>TWA: 0.5 mg/m³³</td>
<td>TWA: 0.5 mg/m³³</td>
<td>TWA: 0.5 mg/m³³</td>
</tr>
</tbody>
</table>

**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**
For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

**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. Do not eat, drink or smoke when using this product.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

### 10. STABILITY AND REACTIVITY

**Chemical Stability**
Stable. Hazardous polymerization does not occur.

**Conditions to Avoid**
None known

**Incompatible Products**
Strong oxidizing agents, Reducing agents, Strong acids, Bases.

**Hazardous Decomposition Products**
Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Metal oxides, Sodium oxides, Aldehydes, Amines, Phenols.

**Possibility of Hazardous Reactions**
None under normal processing

### 11. TOXICOLOGICAL INFORMATION

---

**Issuing Date** 10/18/2013
Product Information

No information available.

Component Information

Acute Toxicity

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

Chronic Toxicity

<table>
<thead>
<tr>
<th>Component</th>
<th>Mutagenicity</th>
<th>Sensitization</th>
<th>Developmental Toxicity</th>
<th>Reproductive Toxicity</th>
<th>Target Organ Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>respiratory system</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Antimony dialkyldithiocarbamate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Styrene-Ethylene/Propylene Block Copolymer</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Barium dinonylnaphthalene sulfonate</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
<td>no data available</td>
</tr>
</tbody>
</table>

Carcinogenicity

There are no known carcinogenic chemicals in this product.

<table>
<thead>
<tr>
<th>Component</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>OSHA</td>
<td>not applicable</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Antimony dialkyldithiocarbamate</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Styrene-Ethylene/Propylene Block Copolymer</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
<tr>
<td>Barium dinonylnaphthalene sulfonate</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

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

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>SARA 313 - Threshold Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antimony dialkyldithiocarbamate</td>
<td>15890-25-2</td>
<td>1-5</td>
<td>1.0</td>
</tr>
<tr>
<td>Barium dinonylnaphthalene sulfonate</td>
<td>25619-56-1</td>
<td>1-5</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazardous Categorization

<table>
<thead>
<tr>
<th></th>
<th>Acute Health Hazard</th>
<th>Chronic Health Hazard</th>
<th>Fire Hazard</th>
<th>Sudden Release of Pressure Hazard</th>
<th>Reactive Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

CERCLA

<table>
<thead>
<tr>
<th>Component</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA EHS RQs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated heavy naphthenic (&lt;3% DMSO extractable)</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Aluminum benzoate fatty acid complex</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Antimony dialkyldithiocarbamate</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Styrene-Ethylene/Propylene Block Copolymer</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Barium dinonylnaphthalene sulfonate</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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

Supercedes 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.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.