

# Safety Data Sheet PREMALUBE

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## 1. PRODUCT AND COMPANY IDENTIFICATION

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

**Product Code** 10032735  
**Chemical nature** Petroleum oil blend  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Black

**Physical state** Grease

**Odor** Oily

### GHS

#### Classification

##### Physical Hazards

None

##### Health Hazard

None

##### Other hazards

None

#### Labeling

##### Signal Word

**Not classified**

10 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component   | CAS No.    | Weight % |
|---|------------|----------|
| Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable) | 64742-52-5 | 60-100   |
| Aluminum benzoate fatty acid complex  | 82980-54-9 | 7-13     |
| Calcium carbonate   | 471-34-1   | 7-13     |
| Molybdenum disulfide  | 1317-33-5  | 0.1-1    |
| Barium dinonylnaphthalene sulfonate   | 25619-56-1 | 0.1-1    |

\*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.

#### Eye Contact

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

#### Skin Contact

Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

#### 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.

#### Notes to physician

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flash Point** 450 °F / 232 °C

**Method** Open cup

**Flammability Limits in Air %:** No information available.

**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 1 | Flammability 1 | Instability 0 |
| HMIS | 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>   | 10 °F / -12 °C | <b>Maximum</b> | 150 °F / 66 °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  |
|---|--|--|--|
| 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>   | No data available  |
| Calcium carbonate   | No data available  | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust |
| Molybdenum disulfide  | TWA: 10 mg/m <sup>3</sup> inhalable fraction<br>TWA: 3 mg/m <sup>3</sup> respirable fraction | TWA: 15 mg/m <sup>3</sup> total dust   | 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>   |

**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**

|                               |   |
|-------------------------------|---|
| <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. |

**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>                 | Semi-Solid        |
| <b>Color</b>                         | Black                     | <b>Odor</b>                      | Oily              |
| <b>Odor Threshold</b>                | Not applicable            | <b>Appearance</b>                | Opaque            |
| <b>pH</b>                            | Not applicable            | <b>Specific Gravity</b>          | 0.92              |
| <b>Evaporation Rate</b>              | 0 (BuAc = 1)              | <b>Percent Volatile (Volume)</b> | 0                 |
| <b>VOC Content (%)</b>               | 0                         | <b>VOC Content (g/L)</b>         | 0                 |
| <b>Vapor Pressure</b>                | <0.01 mmHg @ 70°F         | <b>Vapor Density</b>             | 11.3 (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>           | No data available         | <b>Flammability (solid, gas)</b> | No data available |
| <b>Flash Point</b>                   | 450 °F / 232 °C           | <b>Method</b>                    | Open cup          |
| <b>Autoignition Temperature</b>      | No information available. |                                  |                   |
| <b>Flammability Limits in Air %:</b> | No information available  | <b>Upper:</b>                    | No data available |
|                                      |                           | <b>Lower:</b>                    | No data available |

**10. STABILITY AND REACTIVITY**

|                            |  |
|----------------------------|--|
| <b>Chemical Stability</b>  | Stable. Hazardous polymerization does not occur.                 |
| <b>Conditions to Avoid</b> | Extremes of temperature and direct sunlight, Keep away from open |