# Safety Data Sheet PREMALUBE

**Supercedes Date** 04/18/2014 **Issuing Date** 12/21/2016

## 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 (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, 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

| | |
|---|---|
| **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** | 10 °F / -12 °C | | **Maximum** | 150 °F / 66 °C | |
| **Storage Conditions** | **Indoor** | X | **Outdoor** X | **Heated** | | **Refrigerated** |

## 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$^3$; STEL: 10 mg/m$^3$ | TWA: 5 mg/m$^3$ | No data available |
| Calcium carbonate | No data available | TWA: 15 mg/m$^3$ total dust<br>TWA: 5 mg/m$^3$ respirable fraction | TWA: 10 mg/m$^3$ total dust<br>TWA: 5 mg/m$^3$ respirable dust |
| Molybdenum disulfide | TWA: 10 mg/m$^3$ inhalable fraction<br>TWA: 3 mg/m$^3$ respirable fraction | TWA: 15 mg/m$^3$ total dust | No data available |
| Barium dinonylnaphthalene sulfonate | TWA: 0.5 mg/m$^3$ | TWA: 0.5 mg/m$^3$ | TWA: 0.5 mg/m$^3$ |

| | |
|---|---|
| **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. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Physical state** | Grease | **Viscosity** | Semi-Solid |
| **Color** | Black | **Odor** | Oily |
| **Odor Threshold** | Not applicable | **Appearance** | Opaque |
| **pH** | Not applicable | **Specific Gravity** | 0.92 |
| **Evaporation Rate** | 0 (BuAc = 1) | **Percent Volatile (Volume)** | 0 |
| **VOC Content (%)** | 0 | **VOC Content (g/L)** | 0 |
| **Vapor Pressure** | <0.01 mmHg @ 70°F | **Vapor Density** | 11.3 (Air = 1.0) |
| **Solubility** | Negligible | **n-Octanol/Water Partition** | No data available |
| **Melting Point/Range** | No data available | **Decomposition Temperature** | No data available |
| **Boiling Point/Range** | No data available | **Flammability (solid, gas)** | No data available |
| **Flash Point** | 450 °F / 232 °C | **Method** | Open cup |
| **Autoignition Temperature** | No information available. | | |
| **Flammability Limits in Air %:** | No information available | **Upper:** No data available **Lower:** No data available | |

## 10. STABILITY AND REACTIVITY

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

| | |
|---|---|
| | flames, hot surfaces, and sources of ignition. |
| **Incompatible Products** | Strong oxidizing agents, Acids, Bases. |
| **Decomposition Temperature** | No data available |
| **Hazardous Decomposition Products** | Carbon oxides, Sulfur oxides, Oxides of phosphorus, Hydrocarbons, Aldehydes, Ketones. |
| **Possibility of Hazardous Reactions** | 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** | Eye contact, Skin contact |
| **Primary Routes of Entry** | Eye contact |
| **Acute Effects:** | |
| **Eyes** | Low hazard for usual industrial or commercial handling. |
| **Skin** | Low hazard for usual industrial or commercial handling. |
| **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, Eyes, Skin. |
| **Aggravated Medical Conditions** | Respiratory disorders, Skin disorders. |

**Component Information**

Acute Toxicity

| Component | Oral LD50 | Dermal LD50 | Inhalation LC50 | Draize Test | Other |
|---|---|---|---|---|---|
| Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable) 64742-52-5 | > 5000 mg/kg ( Rat ) | > 5000 mg/kg (Rabbit) | No data available | No data available | No data available |
| Calcium carbonate 471-34-1 | = 6450 mg/kg ( Rat ) | no data available | No data available | No data available | No data available |
| Molybdenum disulfide 1317-33-5 | No data available | no data available | > 2820 mg/m$^3$ ( Rat ) 4 h | No data available | No data available |

Chronic Toxicity

| Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
|---|---|---|---|---|---|
| Calcium carbonate 471-34-1 | No data available | No data available | No data available | No data available | Skin; Eyes; Respiratory system |

**Carcinogenicity** There are no known carcinogenic chemicals in this product

## 12. ECOLOGICAL INFORMATION

**Product Information** No information available.

**Component Information**

| Component | Toxicity to Algae | Toxicity to Fish | Microtox | Crustacea | Partition coefficien |
|---|---|---|---|---|---|
| Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable) | No information available. | LC50 > 5000 mg/L Oncorhynchus mykiss 96 h | No information available | 1000: 48 h Daphnia magna mg/L EC50 | 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 |
|---|---|---|---|
| Barium dinonylnaphthalene sulfonate | 25619-56-1 | 0.1-1 | 1.0 |

**SARA 311/312 Hazardous Categorization**

| Acute Health Hazard | Chronic Health Hazard | Fire Hazard | Sudden Release of Pressure Hazard | Reactive Hazard |
|---|---|---|---|---|
| No | No | No | No | No |

**CERCLA**

## 16. OTHER INFORMATION

| | |
|---|---|
| **Prepared By** | Adrienne McKee |
| **Supercedes Date** | 04/18/2014 |
| **Issuing Date** | 12/21/2016 |
| **Reason for Revision** | No information available. |
| **Glossary** | No information available. |
| **List of References.** | No information available. |

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