

Safety Data Sheet PREMALUBE

Supersedes 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 TWA: 5 mg/m ³ respirable fraction	TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust
Molybdenum disulfide	TWA: 10 mg/m ³ inhalable fraction 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

Incompatible Products
 Decomposition Temperature
 Hazardous Decomposition Products
 Possibility of Hazardous Reactions

flames, hot surfaces, and sources of ignition.
 Strong oxidizing agents, Acids, Bases.
 No data available
 Carbon oxides, Sulfur oxides, Oxides of
 phosphorus, Hydrocarbons, Aldehydes, Ketones.
 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 coefficient
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
DSL
U.S. Federal Regulations

Complies
Complies

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
Supersedes 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.

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.