

Safety Data Sheet PREMALUBE FG #1

Supercedes Date: 04/05/2022

Issuing Date: 01/10/2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: PREMALUBE FG #1
Recommended use: Lubricant
Information on Manufacturer:
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code: 4405
Chemical nature: Petroleum distillates Mixture
Emergency Telephone:
CHEMTRAC® 800-424-9300
Telephone inquiry:
972-579-2477

2. HAZARD IDENTIFICATION

Color	White	Physical state	Solid	Odor	None
GHS Classification					
<u>Physical Hazards</u>	None				
<u>Health Hazard</u>	None				
<u>Other hazards</u>	None				
Labeling					
<u>Signal Word</u>	Not classified				

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Zinc oxide	1314-13-2	1-5

*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	No hazards which require special first aid measures.
Skin Contact	No hazards which require special first aid measures.
Inhalation	No hazards which require special first aid measures.
Ingestion	No hazards which require special first aid measures.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	439 °F / 226 °C	Method	Open cup
Flammability Limits in Air %:	No information available.	Upper:	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 0	Flammability 1	Instability 0
HMIS	Health 0	Flammability 1	Physical Hazard 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 36 °F / 2 °C
Storage Conditions	Indoor X Outdoor Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	
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.
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	Solid	Viscosity	Not applicable
Color	White	Odor	None
Odor Threshold	Not applicable	Appearance	Opaque
pH	Not applicable	Specific Gravity	0.893
Evaporation Rate	No data available	Percent Volatile (Volume)	0
VOC Content (%)	0	VOC Content (g/L)	0
Vapor pressure	<0 mmHg @ 70°F	Vapor Density	Not applicable
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	439 °F / 226 °C	Method	Open cup
Autoignition Temperature	No information available.	Upper:	No data available
Flammability Limits in Air %:	No information available.	Lower:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition. Protect from direct sunlight and extremes of temperatures.
Incompatible Products	Strong oxidizing agents, Acids, Bases, Powdered metals.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Fumes of aluminum, Zinc oxide fumes, Aldehydes.
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	None known.

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:

Aggravated Medical Conditions	Respiratory disorders.
--------------------------------------	------------------------

Component Information**Acute Toxicity**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Zinc oxide 1314-13-2	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 5700 mg/m ³ (Rat) 4 h	No data available	No data available

Chronic Toxicity

None known

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Zinc oxide 1314-13-2	No data available	No data available	No data available	No data available	Respiratory system

Carcinogenicity

There are no known carcinogens in this product.

12. ECOLOGICAL INFORMATION**Product Information**

No information available.

Persistence and Degradability

Bioaccumulation	No information available
Mobility	No information available

Additional Ecological Information:**Component Information**

No information available.

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Zinc oxide	No information available.	LC50 = 1.55 mg/L Danio rerio 96 h	No information available	No information available.	N/A

Persistence and Degradability

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	Listed
DSL / NDSL	Listed

NOTE: One or more components are listed on the NDSL.

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:

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values
Zinc oxide	1314-13-2	1-5	1.0

SARA 311/312 Hazardous Categorization

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CERCLA None

16. OTHER INFORMATION

Prepared By Adrienne McKee
Supercedes Date: 04/05/2022
Issuing Date: 01/10/2023
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.