

# Safety Data Sheet PREMALUBE FG #1

Supersedes 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**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** White

**Physical state** Solid

**Odor** None

### GHS Classification

Physical Hazards  
None

Health Hazard  
None

Other hazards  
None

**Labeling**  
Signal Word  
**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  
**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 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 **Maximum** 120 °F / 49 °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**

<b>Physical state</b>	Solid	<b>Viscosity</b>	Not applicable
<b>Color</b>	White	<b>Odor</b>	None
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Opaque
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	0.893
<b>Evaporation Rate</b>	No data available	<b>Percent Volatile (Volume)</b>	0
<b>VOC Content (%)</b>	0	<b>VOC Content (g/L)</b>	0
<b>Vapor pressure</b>	<0 mmHg @ 70°F	<b>Vapor Density</b>	Not applicable
<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>	439 °F / 226 °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**

**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:** Respiratory system.  
**Aggravated Medical Conditions** Respiratory disorders.

**Component Information**

**Acute Toxicity** None known

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

Additional Ecological Information: No information available

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** 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** 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.

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