

# SAFETY DATA SHEET PREMALUBE RED

Supersedes Date: 03/17/2023

Issuing Date: 08/21/2023

## 1. PRODUCT AND COMPANY IDENTIFICATION

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

**Product Code:** 5420  
**Chemical nature** Petroleum distillates  
**Emergency Telephone**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Red  
**Appearance** Opaque

**Physical state** Liquid

**Odor** Petroleum distillates

### GHS

#### Classification

##### Physical Hazards

Flammable aerosols  
Gases under pressure

Category 1  
Compressed gas

##### Health Hazard

Skin corrosion/irritation  
Serious eye damage/eye irritation  
Specific target organ toxicity (single exposure)

Category 2  
Category 2A  
Category 3

##### Hazards not otherwise classified (HNOC)

Not applied

### Labeling

#### Signal word

**Danger**



#### Hazard statements

Extremely flammable aerosol  
Causes skin irritation  
Causes serious eye irritation  
May cause drowsiness or dizziness  
Contains gas under pressure; may explode if heated

#### Precautionary statements

Keep away from heat, sparks, open flames or hot surfaces.  
Do not spray on an open flame or other ignition source  
Pressurized container: Do not pierce or burn, even after use  
Avoid breathing vapors, mist, or gas.  
Use in a well-ventilated area.  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves, protective clothing and eye protection.  
Do not eat, drink or smoke when using this product  
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash it before reuse.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing Call a physician if unwell.  
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F  
Protect from sunlight  
Dispose of contents and container in accordance with applicable regulations

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Heptane (n-)	142-82-5	15-40
1,1-Difluoroethane	75-37-6	10-30

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Skin contact</b>	In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.
<b><u>Most important symptoms and effects, both acute and delayed</u></b>	
<b>Symptoms</b>	May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
<b><u>Indication of any immediate medical attention and special treatment needed</u></b>	
<b>Note to physicians</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b> 71.6 °F / 22 °C	<b>Method</b> Seta closed cup	
<b>Flammability Limits in Air %:</b> Mixture.	<b>Upper flammability limit:</b> 36	<b>Lower flammability limit:</b> 1.05
<b>Suitable Extinguishing Media</b>		
Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
<b>Specific hazards arising from the chemical</b>		
Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions. Flame conditions. Flame extension: >30 inches / >76 cm and Burnback: 3 inch / 7 cm.		
<b>Protective Equipment and Precautions for Firefighters</b>		
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.		
<b>Aerosol Level (NFPA 30B) -</b> 3		
<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 4
<b>HMIS</b>	<b>Health hazards</b> 2	<b>Flammability</b> 4
		<b>Stability</b> 0
		<b>Physical Hazard</b> 0

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. 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. Do not allow material to contaminate ground water system. Prevent further leakage or spillage if safe to do so.
<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>	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
<b>Neutralizing Agent</b>	Not applicable.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from flames and hot surfaces. Avoid breathing vapors, mist or gas. 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

<b>Storage Temperature</b>	place. Keep away from heat and sources of ignition.				
	<b>Minimum</b>	35 °F / 2 °C		<b>Maximum</b>	120 °F / 49 °C
	<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b> <b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical name	CAL/OSHA PEL	ACGIH TLV	OSHA PEL	NIOSH
Heptane (n-)	400 ppm	TWA: 400 ppm STEL: 500 ppm	TWA: 500 ppm TWA: 2000 mg/m <sup>3</sup>	750 ppm Ceiling: 440 ppm Ceiling: 1800 mg/m <sup>3</sup> TWA: 85 ppm TWA: 350 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

#### Eye/Face Protection

Tightly fitting safety goggles.

#### Skin Protection

Wear suitable protective clothing, Impervious gloves.

#### 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. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Kinematic viscosity</b>	No data available
<b>Color</b>	Red	<b>Odor</b>	Petroleum distillates
<b>Odor threshold</b>	Not applicable	<b>Appearance</b>	Opaque
<b>pH</b>	Not applied	<b>Specific Gravity</b>	0.875
<b>Evaporation Rate</b>	4.4 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	30.5
<b>VOC content</b>	24.5	<b>VOC Content (g/L)</b>	214
<b>Product VP (mmHg @ 70°F)</b>	1594.98	<b>Relative vapor density</b>	2.7 2.7 (air = 1)
<b>Solubility(ies)</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 information available	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	71.6 °F / 22 °C	<b>Method</b>	Seta closed cup
<b>Autoignition Temperature</b>	No information available	<b>Upper flammability limit: 36 Lower flammability limit: 1.05</b>	
<b>Flammability Limits in Air %:</b>	Mixture		

## 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. Strong oxidizing agents, Reducing agents, Acids, Bases.

### Incompatible Products

### Decomposition temperature

No data available

### Hazardous decomposition products

Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Aldehydes, Ammonia, Amines, Organic acids, Hydrocarbons, Smoke.

### 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**

**ATEmix (oral)** No information available

**ATEmix (dermal)** No information available

### Inhalation LC50

**ATEmix (inhalation-gas)** No information available

**ATEmix (inhalation-dust/mist)** No information available

**ATEmix (inhalation-vapor)** No information available

### Principle Route of Exposure

Eye contact, Skin contact, Inhalation.

### Primary Routes of Entry

Skin contact, Skin Absorption.

### Acute Effects:

#### Eyes

Causes serious eye irritation.

#### Skin

Causes skin irritation.

**Inhalation**

Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Irregular cardiac activity.

**Ingestion**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic toxicity**

Repeated and prolonged exposure to solvents may cause brain and nervous system damage. May cause irregular heartbeats, especially under conditions of stress.

**Target organ effects**

Central nervous system, Skin, Eyes, Respiratory system.

**Aggravated Medical Conditions**

Neurological disorders, Respiratory disorders, Skin disorders.

**Component Information****Acute Toxicity**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Others
Heptane (n-) 142-82-5	> 5000 mg/kg (Rat)	3000 mg/kg (Rabbit)	103 g/m <sup>3</sup> (Rat)4h	No data available	No data available
1,1-Difluoroethane 75-37-6	Data lacking	No information available	= 437500 ppm (Rat) 4 h	No data available	No data available

**Chronic Toxicity**

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Heptane (n-) 142-82-5	No data available	No data available	No data available	No data available	Skin Central Nervous System Respiratory system

**Carcinogenicity**

Contains no ingredient listed as a carcinogen

**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**

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to microorganisms	Crustacea	Partition coefficient
Heptane (n-)	No information available	LC50 = 375.0 mg/L Cichlid fish 96 h	No information available	No information available	4.66

**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**

Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION****DOT****Proper shipping name**

AEROSOLS, FLAMMABLE

**Transport hazard class(es)**

2.1

**UN number or ID number**

UN1950

**Description**

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**TDG****UN proper shipping name**

AEROSOLS, FLAMMABLE

**Transport hazard class(es)**

2.1

**UN number or ID number**

UN1950

**Description**

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**ICAO (air)**

<b>UN number or ID number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS, FLAMMABLE
<b>Transport hazard class(es)</b>	2.1
<b>Description</b>	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**IATA**

<b>UN number or ID number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS, FLAMMABLE
<b>Transport hazard class(es)</b>	2.1
<b>ERG-Code</b>	10L
<b>Description</b>	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

**IMDG**

<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	2.1
<b>UN number or ID number</b>	UN1950
<b>EmS-No</b>	F-D, S-U
<b>Description</b>	UN1950, AEROSOLS, 2.1, LTD QTY

## 15. REGULATORY INFORMATION

**Inventories**

<b>TSCA</b>	Listed
-------------	--------

<b>DSL/NDSL</b>	Listed
-----------------	--------

<b>NOTE:</b>	One or more components are listed on the NDSL.
--------------	--

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

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**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## 16. OTHER INFORMATION

<b>Prepared By</b>	Adrienne McKee
<b>Supersedes Date:</b>	03/17/2023
<b>Issuing Date:</b>	08/21/2023
<b>Revision Note</b>	No information available
<b>Glossary</b>	No information available
<b>List of References.</b>	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.