

# Material Safety Data Sheet: PREMALUBE XTREME #2

Supersedes Date 05/09/2012

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## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PREMALUBE XTREME #2  
Recommended use Lubricant  
Information on Manufacturer  
CERTIFIED LABS, DIV. OF NCH CORP.  
BOX 152170  
IRVING, TEXAS 75015

Product Code 424J  
Chemical nature mixture  
Emergency Telephone Number  
CHEMTREC® 800-424-9300

## 2. HAZARDS IDENTIFICATION

Emergency Overview  
WARNING  
May cause skin irritation  
May cause allergic skin reaction  
Causes severe eye irritation  
May be harmful if swallowed

Color Black	Physical State Semi-Solid	Odor Oily
Potential Health Effects		
Principle Route of Exposure	Eye contact, Skin contact.	
Primary Routes of Entry	Skin Absorption	
Acute Effects		
Eyes	Severe irritation.	
Skin	May cause skin irritation. May cause allergic skin reaction.	
Inhalation	May cause irritation of respiratory tract.	
Ingestion	May be harmful if swallowed.	
Chronic Toxicity	Kidney injury may occur. May cause sensitization by skin contact.	
Target Organ Effects	Kidney, Eyes, Skin, Central nervous system, Blood, Immune system, Bone, Respiratory system.	
Aggravated Medical Conditions	Skin disorders, Blood disorders, Neurological disorders, Kidney disorders, Respiratory disorders.	
Potential Environmental Effects	See Section 12 for additional Ecological information.	

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
C10-C16 alkybenzenesulfonic acid calcium salt	68584-23-6
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	64742-65-0
Petroleum distillates, solvent-refined heavy paraffinic (<3% DMSO extractable)	64741-88-4
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	64742-01-4
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	64742-62-7
Calcium carbonate	1317-65-3
12-Hydroxy stearic acid	106-14-9
Styrene-Ethylene/Propylene Block Copolymer	68648-89-5
Hexylene glycol	107-41-5
Molybdenum disulfide	1317-33-5
Polyalphaolefin	68037-01-4

## 4. FIRST AID MEASURES

General advice	Avoid contact with skin, eyes and clothing.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Do NOT induce vomiting. Drink 1 or 2 glasses of water. Get medical attention if symptoms occur. Rinse mouth.
Notes to physician	May cause sensitization of susceptible persons.

## 5. FIRE-FIGHTING MEASURES

Flash Point 527 °F / 275 °C Method Open cup  
 Autoignition Temperature No information available.  
 Flammability Limits in Air % No information available. Upper No data available Lower No data available  
 Suitable Extinguishing Media  
 Water spray. Carbon dioxide (CO2). Foam. 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, MSHA/NIOSH (approved or equivalent) and full protective gear.  
 NFPA Health 2 Flammability 1 Instability 0  
 HMIS Health 2 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 container tightly closed in a dry and well -ventilated place.  
 Storage Temperature Minimum 0 °F / -18 °C Maximum 150 °F / 66 °C  
 Storage Conditions Indoor X Outdoor X Heated X Refrigerated X

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
C10-C16 alkybenzenesulfonic acid calcium salt	No data available	No data available	No data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	No data available
Petroleum distillates, solvent-refined heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	IDLH: 2500 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	No data available
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	No data available	No data available	No data available
Calcium carbonate	No data available	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>
12-Hydroxy stearic acid	No data available	No data available	No data available
Styrene-Ethylene/Propylene Block Copolymer	No data available	No data available	No data available
Hexylene glycol	Ceiling: 25 ppm	No data available	Ceiling: 25 ppm Ceiling: 125 mg/m <sup>3</sup>
Molybdenum disulfide	TWA: 10 mg/m <sup>3</sup> TWA: 3 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup>	IDLH: 5000 mg/m <sup>3</sup>
Polyalphaolefin	No data available	No data available	No data available

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 Impervious gloves, Wear suitable protective clothing.  
 Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment.  
 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 Semi-Solid Viscosity Gel

Color	Black	Odor	Oily
Appearance	Opaque	pH	Not applicable
Specific Gravity	1.01	Evaporation Rate	0 (Butyl acetate=1)
Percent Volatile (Volume)	2.0	VOC Content (%)	1.8
VOC Content (g/L)	19	Vapor Pressure	<0.01 mmHg @ 70°F
Vapor Density	5.1 (Air = 1.0)	Solubility	Negligible
Boiling Point/Range	550 °F / 288 °C		

### 10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known
Incompatible Products	Strong oxidizing agents, Strong acids.
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus, Sulfur oxides.
Possibility of Hazardous Reactions	None under normal processing

### 11. TOXICOLOGICAL INFORMATION

**Product Information** No information available.

#### Component Information

##### Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
C10-C16 alkybenzenesulfonic acid calcium salt	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, solvent-refined heavy paraffinic (<3% DMSO extractable)	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h	no data available	no data available
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h	no data available	no data available
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h	no data available	no data available
Calcium carbonate	= 6450 mg/kg ( Rat )	no data available	no data available	no data available	no data available
12-Hydroxy stearic acid	no data available	no data available	no data available	no data available	no data available
Styrene-Ethylene/Propylene Block Copolymer	no data available	no data available	no data available	no data available	no data available
Hexylene glycol	= 3692 mg/kg ( Rat )	no data available	> 310 mg/m <sup>3</sup> ( Rat ) 1 h	no data available	no data available
Molybdenum disulfide	no data available	no data available	> 2820 mg/m <sup>3</sup> ( Rat ) 4 h	no data available	no data available
Polyalphaolefin	no data available	no data available	no data available	no data available	no data available

##### Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
C10-C16 alkybenzenesulfonic acid calcium salt	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	lungs
Petroleum distillates, solvent-refined heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Calcium carbonate	no data available	no data available	no data available	no data available	eyes, respiratory system, skin
12-Hydroxy stearic acid	no data available	no data available	no data available	no data available	no data available
Styrene-Ethylene/Propylene Block Copolymer	no data available	no data available	no data available	no data available	no data available
Hexylene glycol	no data available	Skin sensitization	no data available	no data available	eyes, CNS, respiratory system, skin, immune system
Molybdenum disulfide	no data available	no data available	no data available	no data available	respiratory system,

					kidneys, eyes, blood, bones, joints
Polyalphaolefin	no data available	no data available	no data available	no data available	no data available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
C10-C16 alkybenzenesulfonic acid calcium salt	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, solvent-refined heavy paraffinic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Calcium carbonate	not applicable	not applicable	not applicable	not applicable	not applicable
12-Hydroxy stearic acid	not applicable	not applicable	not applicable	not applicable	not applicable
Styrene-Ethylene/Propylene Block Copolymer	not applicable	not applicable	not applicable	not applicable	not applicable
Hexylene glycol	not applicable	not applicable	not applicable	not applicable	not applicable
Molybdenum disulfide	not applicable	not applicable	not applicable	not applicable	not applicable
Polyalphaolefin	not applicable	not applicable	not applicable	not applicable	not applicable

## 12. ECOLOGICAL INFORMATION

### Product Information

No information available.

### Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
C10-C16 alkybenzenesulfonic acid calcium salt	no data available	no data available	no data available	no data available	N/A
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 > 1000 mg/L 48 h	N/A
Petroleum distillates, solvent-refined heavy paraffinic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 > 1000 mg/L 48 h	N/A
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 > 1000 mg/L 48 h	N/A
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50 > 1000 mg/L 48 h	N/A
Calcium carbonate	no data available	no data available	no data available	no data available	N/A
12-Hydroxy stearic acid	no data available	no data available	no data available	no data available	N/A
Styrene-Ethylene/Propylene Block Copolymer	no data available	no data available	no data available	no data available	N/A
Hexylene glycol	no data available	LC50 10500 - 11000 mg/L Pimephales promelas 96 h LC50 = 10000 mg/L Lepomis macrochirus 96 h LC50 = 8690 mg/L Pimephales promelas 96 h LC50 = 10700 mg/L Pimephales promelas 96 h	EC50 = 3038 mg/L 5 min	EC50 2700 - 3700 mg/L 48 h	<0.14
Molybdenum disulfide	no data available	no data available	no data available	no data available	N/A
Polyalphaolefin	no data available	no data available	no data available	no data 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	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 does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372.

## SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

## CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
C10-C16 alkybenzenesulfonic acid calcium salt	Not applicable	Not applicable
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Petroleum distillates, solvent-refined heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Residual oils (petroleum), solvent refined (<3% DMSO extractable)	Not applicable	Not applicable
Residual oils (petroleum), solvent dewaxed (<3% DMSO extractable)	Not applicable	Not applicable
Calcium carbonate	Not applicable	Not applicable
12-Hydroxy stearic acid	Not applicable	Not applicable
Styrene-Ethylene/Propylene Block Copolymer	Not applicable	Not applicable
Hexylene glycol	Not applicable	Not applicable
Molybdenum disulfide	Not applicable	Not applicable
Polyalphaolefin	Not applicable	Not applicable

## Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## WHMIS Hazard Class

D2B Toxic materials

**16. OTHER INFORMATION**

Prepared By	Adrienne McKee
Supersedes Date	05/09/2012
Issuing Date	10/09/2013
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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specified in the text.

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O.S.H.A. MSDS ENCLOSED  
RETENTION REQUIRED BY LAW

**IMPORTANT DOCUMENT ENCLOSED**  
**O.S.H.A. INFORMATION**

Customer Number : 428669  
Bill of Lading Number: 793  
Order Number : 1465907

