

Material Safety Data Sheet: PREMALUBE #1 WG (35#)

Supersedes Date 05/18/2005

Issuing Date 07/14/2008

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PREMALUBE #1 WG (35#)
Recommended Use Lubricant
Information on Manufacturer
 CERTIFIED LABS, DIV. OF NCH CORP.
 BOX 152170
 IRVING, TEXAS 75015

Product Code 4535
Chemical Nature Mixture
Imported by: NCH INDIA PVT LTD
114, SIDCO Industrial estate, Ambattur, Chennai - 98
Emergency Telephone Number +91-44-26350176 / 42077898

2. HAZARDS IDENTIFICATION

Emergency Overview
 CAUTION
 May cause skin irritation
 May cause eye irritation

Color Black	Physical State Grease	Odor Oily
Potential Health Effects		
Principle Route of Exposure	Eye contact, Skin contact.	
Primary Routes of Entry	None known.	
Acute Effects		
Eyes	May cause eye irritation.	
Skin	May cause skin irritation.	
Inhalation	Not a respiratory irritant.	
Ingestion	Not applicable.	
Chronic Effects	No information available	
Target Organ Effects	No information available	
Aggravated Medical Conditions	Skin disorders.	
Potential Environmental Effects	See Section 12 for additional Ecological information	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Tricalcium phosphate	1306-06-5
Molybdenum disulfide	1317-33-5
Calcium Carbonate	1317-65-3
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	64742-52-5
Aluminum benzoate fatty acid complex	82980-54-9

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Call a physician if irritation develops or persists.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Rinse mouth. Drink 1 or 2 glasses of water. Do not induce vomiting. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point	> 350°F / > 177°C	Method	open cup
Autoignition Temperature	No information available		
Flammability Limits in Air	No information available		
Suitable Extinguishing Media	Water spray. Foam. Carbon dioxide (CO2). Dry chemical.		
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 1	Flammability 1	Instability 0
HMIS	Health 1	Flammability 1	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with the skin and the eyes.
Environmental Precautions	Prevent further leakage or spillage if safe to do so.
Methods for Containment	No information available
Methods for Cleaning Up	Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing.				
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place				
Storage Temperature	Minimum	0°F / -18°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
Tricalcium phosphate	No data available	no data available	no data available
Molybdenum disulfide	TWA: 0.5 mg/m ³ TWA: 10 mg/m ³ TWA: 3 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³	IDLH: 1000 mg/m ³
Calcium Carbonate	No data available	TWA: 15 mg/m ³ TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	No data available	no data available	no data available
Aluminum benzoate fatty acid complex	No data available	no data available	no data available

Engineering Measures

Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin Protection

Neoprene gloves.

Respiratory Protection

None under normal processing.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice . Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Grease	Viscosity	Semi-Solid
Color	Black	Odor	Oily
Appearance	Opaque	pH	Not applicable
Specific Gravity	1.01	Bulk Density	No data available
Evaporation Rate	0.0 (Butyl acetate=1)	Percent Volatile (Volume)	0
VOC Content (%)	0	Vapor Pressure	<0.01 mmHg @ 70 °F
Vapor Density	7.9	Solubility	Insoluble
Boiling Point/Range	650°F / 343°C		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions. Hazardous polymerization does not occur .
Extremes of temperature and direct sunlight.

Conditions to Avoid

Incompatible Products

Strong oxidizing agents. Acids.

Hazardous Decomposition Products

Carbon oxides. Oxides of phosphorus.

Possibility of Hazardous Reactions

Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Product Information No information available

Component Information

Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Tricalcium phosphate	25350 mg/kg (Rat)	no data available	no data available	no data available	no data available
Molybdenum disulfide	no data available	no data available	2820 mg/m ³ (Rat) 4 h	no data available	no data available
Calcium Carbonate	no data available	no data available	no data available	no data available	no data available
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	2.18 mg/L (Rat) 4 h	no data available	no data available
Aluminum benzoate fatty acid complex	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
Tricalcium phosphate	no data available	no data available	no data available	no data available	no data available
Molybdenum disulfide	no data available	no data available	no data available	no data available	respiratory system, kidneys, eyes, blood
Calcium Carbonate	no data available	no data available	no data available	no data available	respiratory system, skin, eyes
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	no data available
Aluminum benzoate fatty acid complex	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Tricalcium phosphate	not applicable	not applicable	not applicable	not applicable	not applicable
Molybdenum disulfide	A3	not applicable	not applicable	not applicable	not applicable
Calcium Carbonate	not applicable	not applicable	not applicable	not applicable	not applicable

Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Aluminum benzoate fatty acid complex	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
Tricalcium phosphate	no data available	no data available	no data available	no data available	N/A
Molybdenum disulfide	no data available	no data available	no data available	no data available	N/A
Calcium Carbonate	no data available	no data available	no data available	no data available	N/A
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	no data available	LC50> 5000 mg/L Pimephales promelas 96 h	no data available	EC50 > 1000 mg/L 48 h	N/A
Aluminum benzoate fatty acid complex	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 Do not re-use empty containers

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 Does not Comply

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 40n 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	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Tricalcium phosphate	Not applicable	Not applicable
Molybdenum disulfide	Not applicable	Not applicable
Calcium Carbonate	Not applicable	Not applicable
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	Not applicable	Not applicable
Aluminum benzoate fatty acid complex	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

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Reason for Revision	No information available
Glossary	No information available
List of References	No information available

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