



Safety Data Sheet **PREMALUBE RED # 1**

Supersedes Date DEC 2016

Issuing Date JUNE 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PREMALUBE RED # 1

Recommended use Lubricant

Manufacturer, importer, supplier

NCH AUSTRALIA PTY LTD , DIV. OF NCH CORPORATION
N2, 391, PARK ROAD, REGENTS PARK, NSW 2143

Telephone inquiry

+61-2-96690260

Emergency Telephone Number

+61-2-96690237 / 0401718972

Fax number

+61-2-96931562

Product Code 4570

Chemical nature Petroleum distillates Mixture

Distributor

NCH AUSTRALIA PTY LTD , DIV. OF NCH CORPORATION
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2. HAZARD IDENTIFICATION

Colour Red

Physical state Grease

Odour Mild Petroleum

Mixture or Pure Substance: Mixture

GHS

Classification

Physical Hazards

None

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

Other Hazards

None

Labelling

Signal Word Warning

Hazard

Statements

H320 - Causes eye irritation

Precautionary

Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves, protective clothing and eye protection.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)	64742-52-5	60-100
Aluminum benzoate fatty acid complex	82980-54-9	10-20
Antimony dialkyldithiocarbamate	15890-25-2	<5
Barium dinonylnaphthalene sulfonate	25619-56-1	<5
INGREDIENTS DETERMINED NOT TO BE HAZARDOUS	-	UP TO 100 %

4. FIRST AID MEASURES

General advice	Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wipe up with absorbent material (e.g. cloth, fleece). Wash off immediately 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	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician	May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point	>166 °C	Method	Seta closed cup
Auto ignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable.	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 Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, Safe Work, Australia (approved or equivalent) and full protective gear.

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	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing Avoid breathing vapours or mists
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Storage	Store in original container			
	Keep containers tightly closed in a cool, well-ventilated place			
Storage Temperature	Minimum	-12 °C	Maximum	49 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ES-TWA	ISHL	ACGIH TLV	Petroleum distillates, hydrotreated heavy naphthenic (<3% DMSO extractable)		No data available	TWA: 5 mg/m ³ ; STEL: 10 mg/m ³
Antimony dialkyldithiocarbamate	TWA: 0.5 mg/m ³	No data available	TWA: 0.5 mg/m ³	Barium dinonylnaphthalene sulfonate	TWA: 0.5 mg/m ³	No data available	TWA: 0.5 mg/m ³

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

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.

Eye/Face Protection

Safety glasses with side-shields.

Hand Protection

Protective gloves

Skin Protection

Wear suitable protective clothing, Impervious gloves.

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

Appearance	Transparent
Colour	Red
Physical state	Grease
Odour	Mild Petroleum
Odour Threshold	No data available
pH	Not applicable
Melting Point/Range	No data available
Freezing Point	No information available
Boiling Point/Range	Not applicable
Flash Point	>166 °C
Method	Seta closed cup
Evaporation Rate	0 (Butyl acetate=1)
Vapour Pressure	0.01 mmHg @ 21°C
Solubility	Negligible
Vapour Density	5.8 (Air = 1.0)
Specific Gravity	0.91
Auto ignition Temperature	No information available.
Viscosity	Semi-Solid
Molecular Weight	No data available
Percent Volatile (Volume)	0.2
VOC Content (%)	0.2
VOC Content (g/L)	2

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known.
Incompatible Products	Amines, Ammonia, Isocyanates.

Hazardous Decomposition ProductsCarbon oxides, Nitrogen oxides (NO_x), Sulphur oxides, Hydrocarbons, Metal oxides.**Possibility of Hazardous Reactions**

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Product Information**Principle Route of Exposure** Skin contact, Eye contact.

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** Not applicable**Mist** not applicable**Vapour** not applicable**Primary Routes of Entry**

None known.

Main Symptoms**Acute Effects:****Eyes** Low hazard for usual industrial or commercial handling.**Skin** May cause sensitization by skin contact.**Inhalation** Low hazard for usual industrial or commercial handling.**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.**Chronic Effects:**

Prolonged skin contact may defat the skin and produce dermatitis, May cause skin sensitization in some individuals.

Target Organ Effects

Skin, Eyes, Respiratory system, Immune system.

Aggravated Medical Conditions

Skin disorders, Respiratory disorders.

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydro treated heavy naphthenic (<3% DMSO extractable)	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	No information available	No data available	No data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Antimony dialkyldithiocarbamate	No data available	Not applicable	No data available	No data available.	Skin Eyes Respiratory system

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

No data available

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Petroleum distillates, hydro treated heavy naphthenic (<3% DMSO extractable)	Not applicable	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No data available	1000: 48 h Daphnia magna mg/L EC50	N/A

Eco toxicity effects No information available**Persistence and Degradability** No information available**Bioaccumulation** No information available**Mobility** No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of contents/container in accordance with local regulation.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

ADG 7 Not regulated , Not classified for transport as dangerous goods

15. REGULATORY INFORMATION

Australia

Component		Antimony dialkyldithiocarbamate	Listed	Barium dinonylnaphthalene sulfonate	Listed
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POISON SCHEDULE (SUSMP) Schedule 5

16. OTHER INFORMATION

Prepared By	Arvind Rane
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Reason for Revision	GHS-SDS FORMAT
List of References.	No information available.

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