



Safety Data Sheet PREMALUBE RED AEROSOL

Supersedes Date DEC 2016

Issuing Date JUNE 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PREMALUBE RED AEROSOL
Recommended use Lubricant
Manufacturer, importer, supplier
NCH AUSTRALIA PTY LTD , DIVISION OF NCH CORP.
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 5420
Chemical nature Petroleum distillates
Distributor
NCH AUSTRALIA PTY LTD
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2. HAZARD IDENTIFICATION

Colour Red

Physical state liquid

Odour Petroleum distillates

GHS

Classification

Physical Hazards

Flammable Aerosols

Gases under pressure

Category 1

Compressed Gas

Health Hazard

Aspiration Toxicity

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Specific target organ systemic toxicity (single exposure)

Acute Aquatic Toxicity

Chronic Aquatic Toxicity

Category 1

Category 2

Category 2A

Category 3

Category 1

Category 1

Other Hazards

None

Labelling

Signal Word **Danger**



Hazard

Statements

H222 - Extremely flammable aerosol

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H410 - Very toxic to aquatic life with long lasting effects

H280 - Contains gas under pressure; may explode if heated

Precautionary

Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.

P211 - Do not spray on an open flame or other ignition source

P251 - Pressurized container: Do not pierce or burn, even after use

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P271 - Use in a well-ventilated area.

P280 - Wear protective gloves, protective clothing and eye protection.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P301+ P310 - IF SWALLOWED: Immediately call a physician

P331 - DO NOT induce vomiting

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs, get medical attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P410 + P403 - Protect from sunlight. Store in a well-ventilated place

P405 - Store locked up

P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Petroleum distillates, hydro treated heavy naphthenic (<3% DMSO extractable)	64742-52-5	15-40
Heptane (n-)	142-82-5	10-30
1,1-Difluoroethane	75-37-6	10-30
Methyl acetate	79-20-9	10-30
Aluminium benzoate fatty acid complex	82980-54-9	0-10
Antimony dialkyldithiocarbamate	15890-25-2	0-10

4. FIRST AID MEASURES

General advice	Avoid breathing vapours, mist, or gas. Avoid contact with skin, eyes and clothing.
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 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	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	22 °C	Method	Seta closed cup
Auto ignition Temperature	No information available.		
Flammability Limits in Air %:	Mixture.	Upper:	36
Suitable Extinguishing Media	Foam. Carbon dioxide (CO ₂). Dry chemical. Water spray.	Lower:	1.05
Specific hazards arising from the chemical			
Solvent vapours are heavier than air and may spread along floors. Vapours may ignite and explode. Material can create slippery conditions. Flame extension: >30 inches / >76 cm and Burn back: 3 inch / 7.6 cm.			
Protective Equipment and Precautions for Firefighters			
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. Ensure adequate ventilation. Remove all sources of ignition. 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. Prevent product from contaminating soil or from entering sewage, drainage systems, and bodies of water. Do not allow material to contaminate ground water system. Prevent further leakage or spillage if safe to do so.
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	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labelled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from flames and hot surfaces Avoid breathing vapours, mist or gas Avoid contact with skin, eyes and clothing			
Storage	Store in original container Keep containers tightly closed in a dry, cool and well-ventilated place Keep away from heat and sources of ignition			
Storage Temperature	Minimum	2 °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, hydro treated heavy naphthenic (<3% DMSO extractable)		no data available	TWA: 5 mg/m ³ ; STEL: 10 mg/m ³
Heptane (n-)	STEL: 500 ppm STEL: 2050 mg/m ³ TWA: 400 ppm TWA: 1640 mg/m ³	no data available	TWA: 400 ppm STEL: 500 ppm	Methyl acetate	STEL: 250 ppm STEL: 757 mg/m ³ TWA: 200 ppm TWA: 606 mg/m ³	ACL: 200 ppm	TWA: 200 ppm STEL: 250 ppm
Antimony dialkyldithiocarbamate	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. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Opaque
Colour	Red
Physical state	liquid
Odour	Petroleum distillates
Odour Threshold	No data available
pH	Not applicable
Melting Point/Range	No data available
Freezing Point	No information available
Boiling Point/Range	No information available.
Flash Point	22 °C
Method	Seta closed cup
Evaporation Rate	4.4 (Butyl acetate=1)
Vapour Pressure	106.85 mmHg @ 21°C
Solubility	Negligible
Vapour Density	2.7 (Air = 1.0)
Specific Gravity	0.875
Auto ignition Temperature	No information available.

Viscosity	Viscous
Molecular Weight	No data available
Percent Volatile (Volume)	0
VOC Content (%)	24.5
VOC Content (g/L)	0

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.
Incompatible Products	Strong oxidizing agents, Reducing agents, Acids, Bases.
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Aldehydes, Ammonia, Amines, Organic acids, Hydrocarbons, Smoke.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

Principle Route of Exposure Eye contact, Skin contact, Inhalation.

The following values are calculated based on chapter 3.1 of the GHS document

Dermal LD50 No information available

Inhalation LC50

Gas Not applicable

Mist not applicable

Vapour not applicable

Primary Routes of Entry Skin contact, Skin Absorption.

Main Symptoms

Acute Effects:

Eyes Causes eye irritation.

Skin Causes skin irritation. May be absorbed through the skin in harmful amounts. Repeated exposure may cause skin dryness or cracking.

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 diarrhoea.

Chronic Effects: Repeated and prolonged exposure to solvents may cause brain and nervous system damage, May cause irregular heartbeats, especially under conditions of stress, Liver and kidney injuries may occur, Contains a known or suspected reproductive toxin.

Target Organ Effects Central nervous system, Skin, Eyes, Respiratory system, Liver, Kidney, Heart, Central Vascular System, Reproductive System, Blood, Spleen, Pancreas.

Aggravated Medical Conditions Neurological disorders, Respiratory disorders, Skin disorders, Liver disorders, Kidney disorders, Heart disease.

Component Information

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 data available	no data available
Heptane (n-)		= 3000 mg/kg (Rabbit)	= 103 g/m ³ (Rat) 4 h	no data available	no data available
Methyl acetate	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	= 16000 ppm (Rat) 4 h	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
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Heptane (n-)	no data available	Not applicable	no data available	no data available.	Skin Central nervous system Respiratory system
Methyl acetate	no data available	Not applicable	no data available	no data available.	Skin Central nervous system Eyes Respiratory system Liver Heart Kidney Blood Spleen Pancreas Gastrointestinal tract
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
Heptane (n-)	Not applicable	LC50 = 375.0 mg/L Cichlid fish 96 h	no data available	Not applicable	4.66
Methyl acetate	EC50 > 120 mg/L Desmodesmus subspicatus 72 h	LC50 295 - 348 mg/L Pimephales promelas 96 h LC50 250 - 350 mg/L Brachydanio rerio 96 h	EC50 = 6000 mg/L 16 h EC50 = 6100 mg/L 30 min	1026.7: 48 h Daphnia magna mg/L EC50	0.18

Eco toxicity effects No information available

Persistence and Degradability

Bioaccumulation No information available

Mobility No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of contents/container in accordance with local regulation.

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

ADG 7

UN-No	UN1950
Proper Shipping Name	Aerosols Flammable
Hazard Class	2.1
Haz Chem Code	2YE
Description	UN1950, Aerosols, Flammable 2.1,LTD QTY

15. REGULATORY INFORMATION

Australia

POISON SCHEDULE

Schedule 5

16. OTHER INFORMATION

Prepared By	Arvind Rane
Super cedes Date	DEC 2016
Issuing Date	JUNE 2020
Reason for Revision	GHS -SDS FORMAT
Glossary	No information available.
List of References.	No information available

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