

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	PREMALUBE RED # 1
Manufacturer's Product Code	4570
Major Recommended Uses	Lubricant
Other Names	Petroleum distillates Mixture
Supplier's Details	Mega Distributors P.O Box 101085 North Shore Mail Centre Phone: +64 9 473 6505
Date of Issue	December 2016

SECTION 2 – HAZARDS IDENTIFICATION

Colour	Red
Physical State	Grease
Odour	Mild Petroleum
GHS Classification	Physical Hazards None Health Hazard Serious Eye Damage/Eye Irritation Category 2B
Labelling	
Signal Word	Danger
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.

SECTION 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 %

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SECTION 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.
Advice to Doctor	May cause sensitization of susceptible persons.

SECTION 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 (CO ₂), 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, Safe Work, Australia (approved or equivalent) and full protective gear.

SECTION 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.

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SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with skin, eyes and clothing Avoid breathing vapours or mists
Conditions for Safe 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

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Component	ES-TWA	ISHL	ACGIH TLV
Distillates (Petroleum) Hydrotreated Heavy		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 dinonylnaphth alene 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.		

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Grease
Colour	Red
Odour	Mild Petroleum
Specific Gravity	0.83(at 25°C: Water = 1)
Boiling Point	Not applicable
Freezing Point	Not available
Vapour Pressure	0.01 mmHg @ 21°C
Vapour Density	5.4 (Air = 1.0)
Flash Point	> 166 °C
Melting Point/Range	Not available
Solubility	Negligible
pH	Not applicable
Viscosity	Semi-Solid
Odour Threshold	No data available
Evaporation Rate	0 (Butyl acetate= 1)
Method	Seta closed cup
Auto ignition Temperature	No information available
Per Cent Volatile (Volume)	0.2%
VOC Content (%)	0.2
VOC Content (g/L)	2

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known.
Incompatible Materials	Amines, Ammonia, Isocyanates.
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Hydrocarbons, Metal oxides.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.

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QEC 11488

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SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION	
Principle Route of Exposure	Skin contact, Eye contact.
The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):	
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.

COMPONENT INFORMATION					
Acute Toxicity					
Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Distillates (Petroleum) Hydrotreated Light	> 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	No data available	No data available	No data available	Skin Eyes Respiratory system
Carcinogenicity	There are no known carcinogenic chemicals in this product.				

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SECTION 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)	No data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	No data available	1000: 48 h Daphnia magna mg/L EC50	Not applicable

Eco toxicity effects No information available
 Persistence & Degradability No specific information.
 Bioaccumulation No information available
 Mobility No information available

SECTION 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.

SECTION 14 – TRANSPORT INFORMATION

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