

SAFETY DATA SHEET



PHOENIX®

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PX KERO

Code : KERO
Use : Industrial Solvent
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2. HAZARD IDENTIFICATION

CLASSIFIED AS A HAZARDOUS CHEMICAL ACCORDING TO THE CRITERIA OF SAFE WORK AUSTRALIA

Hazard Class and Category:
Flammable Liquids Category 4
Aspiration Hazard Category 1

Signal Word:

DANGER

GHS Pictograms:



Hazard Statements:

H227: Combustible liquid

H304: May be fatal if swallowed and enters airways

AUH066: Repeated exposure may cause skin dryness or cracking

Precautionary Statements:

P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do not induce vomiting.

P403+P235: Store in a well ventilated place. Keep cool.

P405: Store locked up.

P210: Keep away from flames and hot surfaces No smoking.

P280: Wear protective gloves and eye protection.

P264: Wash hands thoroughly after handling.

P370+378: In case of fire: Use sand, earth, or chemical foam to extinguish.

P303+P361+P352: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash skin with plenty of soap and water.

P501: Dispose of contents and container as hazardous waste.

Poison Schedule : S5

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS:

Component	CAS No.	Conc, %
Kerosene (petroleum), hydrodesulphurised	64742-81-0	100%

4. FIRST AID MEASURES

REMOVE FROM EXPOSURE IF SAFE TO DO SO

- Swallowed** : *Unlikely exposure route*
- Do not induce vomiting
 - Keep at rest.
 - Seek immediate medical attention
- Eye** :
- Hold eye open
 - Irrigate with water until irritation subsides (at least 15 minutes)
 - Seek immediate medical attention
- Skin** :
- Flush area with large amounts of water
 - Wash skin with soap and water
 - Remove contaminated clothing, and wash before reuse
 - Seek medical attention if skin irritation occurs
- Inhalation** :
- Remove from exposure if safe to enter area
 - Loosen/remove clothing
 - Move to fresh air
 - Administer artificial respiration if breathing has stopped
 - Seek immediate medical attention

ADVICE TO DOCTOR

- Avoid gastric lavage: risk of aspiration of product to the lungs with potential to cause chemical pneumonitis.
- Treat according to symptoms

AUSTRALIAN POISONS INFORMATION CENTRE
24 HOUR SERVICE 13 11 26

NEW ZEALAND POISONS INFORMATION CENTRE
24 HOUR SERVICE 0800 764 766

5. FIRE FIGHTING MEASURES

- Flash point** : >75°C
- Fire & Explosive Properties** : Combustible Liquid. May ignite when heated or in contact with hot surfaces. Spray mist may ignite.
- Suitable Extinguishing Media** : Suitable extinguishing media are dry chemical or foam.
- Hazards from Combustion Products** : Product is a mobile liquid. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low lying spaces. Fire decomposition products from this product may be toxic if inhaled. (Carbon dioxide and carbon monoxide)
- Precautions for Fire Fighters - Special Equipment** :
- Positive pressure self-contained breathing apparatus (SCBA) and protective suit
 - Protective fire fighting clothing

HAZCHEM Emergency Action Code

FOR FIRE OR SPILLAGE

- 1 COARSE SPRAY
- 2 FINE SPRAY
- 3 FOAM NORMAL PROTEIN
- 4 DRY AGENT
- ALCOHOL RESISTANT

P	V	LTS	DILUTE
R			
S	V	BA & FIRE KIT	
T			CONTAIN
W	V	LTS	
X			
Y	V	BA & FIRE KIT	
Z			
E		PUBLIC SAFETY HAZARD	

* SEE LEGEND OVER

LEGEND

DRY AGENT
Do not use water

ALCOHOL RESISTANT FOAM *2 OR *3
When * appears in front of 2 or 3 in Hazchem code use alcohol resistant foam if available

V
Substances can be violently or even explosively reactive, including combustion

LTS
Liquid-Tight Chemical Protective Suit with BA. Full FIRE KIT to also be worn for protection when:
Liquid Oxygen
Liquefied Toxic Gas (Division 2.3)
Toxic Gas with sub-risk 2.1 or 5.1
Class or sub-risk 3
Division 5.1 PGI with sub-risk 6.1 or 8 transported at temperature >100°C
are involved

DILUTE
May be washed to drains with large quantities of water, consider EPA or Water Authority

CONTAIN
Prevent, by any means available, spillage from entering drains or water courses

E
People to be warned to stay indoors with all doors and windows closed. Evacuation may need to be considered. Joint Incident Control decision



6. ACCIDENTAL RELEASE MEASURES

- Spills or Leaks** :
- Restrict access to area until clean-up is completed
 - Wear PPE as per this MSDS
 - Absorb / contain waste, use earth, vermiculite, inert material
 - If there is a build up of vapours or mist in the clean up area, we recommend the use of a respirator.
 - Collect and seal in appropriate container
 - Label the container
 - Create bund
 - Do not contaminate surface waters - depletion of oxygen in the water will occur.
 - Observe regulatory reporting requirements (Incident Notification)
 - Protect drains from potential spills to minimise contamination. In the case of large spills contact the appropriate authorities.
- Disposal** :
- Dispose of in accordance with States, Local Government, EPA or related Regulations or Codes of Practice.

7. HANDLING AND STORAGE

- Precautions for Safe Handling** :
- Eye wash and safety shower to be available in the workplace.
 - Wear PPE as per this SDS
 - Compliant eyewash to be provided for external work.
 - Observe good personal hygiene practices.
 - Wash hands thoroughly after handling.
 - Avoid contact with skin and eyes.
 - Use only in well ventilated areas.
 - Wear respiratory protection if vapours present.
 - Product is readily combustible, avoid sources of heat or ignition when handling
 - No eating or drinking in the work area.
 - Use grounding leads to avoid discharge (electrical spark)
- Conditions for Safe Storage** :
- Store away from food, drink and animal feedstuffs.
 - Combustible Liquid - Store away from oxidising agents.
 - Provide ventilation and containment of spills.
 - Separate or segregate from incompatibles (in accordance with regulatory requirements).
 - Avoid direct sunlight.
 - Keep protected from weather.
 - Provide spill kit.
- Container Type** :
- Store in original packaging as approved by manufacturer or regulatory direction. Do not pressurise, cut, heat or weld containers- residual vapours are flammable.
- Incompatible Materials**
- Natural Rubber, Butyl Rubber, EPDM, Polystyrene

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONSTITUENT DATA

Components	CAS-No.	Type	Value
Kerosenes	64742-81-0	TWA	No value set

ENGINEERING CONTROLS

- Provide local exhaust when comfort levels might be exceeded.
- Use explosion-proof ventilation equipment

PERSONAL PROTECTION

- Eye Protection** :
- Wear chemical splash goggles or face shield in accordance with **AS/NZS1337, Eye protection for industrial applications.**
- Gloves** :
- Wear chemical protective gloves (eg nitrile/PVC) in accordance with **AS/NZS 2161.1 - Occupational protective gloves, selection, use and maintenance** where contact

may occur.

Clothing : Wear body protective clothing and industrial footwear in accordance with **AS2919 - Industrial clothing**.

Respiration : If ventilation is inadequate, wear an approved organic vapour respirator in accordance with **AS/NZS1715 - Selection, use and maintenance of respiratory protective devices**



Available



Side shields

or



PVC



Industrial



Non slip



or



Organic

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear, colourless liquid
Odour	:	Mild solvent odour
pH (33% sol'n)	:	Not Applicable
Vapour Pressure (kpa)	:	<3.7 kPa at 20C
Vapour Density	:	Heavier than air
Boiling Point	:	195 deg. C
Freezing / Melting Point	:	No specific data. Liquid at normal temperatures
Solubility in Water	:	Negligible
Specific Gravity	:	0.81 at 15 deg. C.

INFORMATION FOR FLAMMABLE MATERIALS

Flash Point	:	75°C
Percent Volatiles	:	100
Upper Explosive Limit	:	N/A
Lower Explosive Limit	:	N/A
Auto ignition Temperature	:	>200 deg.C.

9. PHYSICAL AND CHEMICAL PROPERTIES (CONT.)

ADDITIONAL INFORMATION

Specific Heat Value	:	N/A
Particle Size	:	N/A
VOC Content	:	100%
Evaporation Point	:	N/A
Kinematic Viscosity @ 20°C	:	1.18cSt
Kinematic Viscosity@ 100°C	:	N/A
Octanol / Water Partition Coefficient	:	N/A
Saturation Vapour Concentration	:	N/A
Decomposition Temperature	:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability	:	This product should be kept in a cool place, preferably below 40 deg. C. Keep containers tightly closed.
Incompatible Materials	:	Strong oxidising agents, natural rubber, butyl rubber, EPDM and polystyrene.
Hazardous Decomposition Products	:	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke.

11. TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS (IMMEDIATE OR WITHIN 14 DAYS - SHORT TERM)

- Swallowed (Oral)** : Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Swallowing any amount of this product will result in headaches, nausea, dizziness, and tracheal burning.
- Eye** : This product is a mild eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. This product will not permanently damage the eye tissue.
- Skin (Dermal)** : This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.
- Inhalation** : Exposure to large concentrations of vapour over an extended period of time may result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations, and possible loss of consciousness.

CHRONIC (MEDIUM OR LONG TERM)

No data available

CARCINOGENICITY

- This product does not contain any substances that are listed as carcinogens.

FOR SOLVENTS

USED SOLVENTS

- Used products may contain other contaminants. Contact with all types and makes of used solvents must therefore be avoided and a high standard of personal hygiene maintained.

12. ECOLOGICAL INFORMATION

- Ecotoxicity** : Harmful to aquatic life.
- Persistence / Degradability** : Material expected to be readily biodegradable. Degrades by photooxidation in air.
- Mobility** : Will partition slowly to air. If product enters soil, it will be highly mobile and may contaminate ground water.
- Environmental Fate (Exposure)** : Do not allow waste product to reach waterways, drains and sewers

Component	Aquatic Toxicity
Fish Toxicity (rainbow trout, goldfish, bluegill) L(E)C ₅₀ (96hr):	LC50(96hr): Pimephales promelas: 45000 µg/L
Daphnia Magna EC50 24hr:	21000 µg/L

13. DISPOSAL CONSIDERATIONS

- Disposal Methods** : This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable, consider controlled incineration in the appropriate equipment. Packaging may still contain fumes and vapours that may ignite if heated and harmful. Ensure that empty packaging is allowed to dry.
- Special Precautions for Landfill or Incineration** : This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be burned directly in appropriate equipment

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS DANGEROUS GOODS DUE TO HIGH FLASHPOINT

UN Number : None
UN Proper Shipping Name : None
Dangerous Goods Class and Subsidiary Risk : None
Packing Group : None
Hazchem Code : 3YE

Dangerous Goods Segregation:

This product is classed as a Combustible liquid. It must be segregated from Class 5 (oxidising) products in placard loads. Please consult the Australian Dangerous Goods Code for Transport by Road and Rail for information.

15. REGULATORY INFORMATION (AUSTRALIA)

COUNTRY: Australia
INVENTORY: AICS
STATUS: Listed
POISON SCHEDULE: S5 Liquid hydrocarbons

Hazardous Chemical according to the criteria of Safe Work Australia.

16. OTHER INFORMATION

References : For detailed advice on personal protective equipment, refer to the following Australian Standards:

- HB9 (Handbook 9) Manual of industrial personal protection
- AS/NZS 1337: Eye protectors for industrial applications
- AS/NZS 1715: Selection, use and maintenance of respiratory devices
- AS/NZS 1716: Respiratory protective devices
- Ingredient Material Safety Data Sheets

Acronyms:

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS Australian Inventory of Chemical Substances
SWA Safe Work Australia, formerly ASCC and NOHSC
CAS number Chemical Abstracts Service Registry Number
Hazchem Code Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC International Agency for Research on Cancer
NOS Not otherwise specified
NTP National Toxicology Program (USA)
N/A Not Available
SUSMP Standard for the Uniform Scheduling of Medicines & Poisons
UN Number United Nations Number

CONTACT POINT

Emergency Phone: **Chemcall: 1800 127 406**. For other information concerning details on this Safety Data Sheet,

Phoenix Lubricants Pty Ltd, 2 Paul Court, Dandenong Vic, (03) 9791 7661

All reasonable care has been taken to ensure that the information and advice contained herein is accurate at the time of printing. However, Phoenix Lubricants Pty Ltd accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein.

Note:

This SDS is derived from International and Australian data and is formatted generally in accordance with the Safe Work Australia Code of Practice. Modifications are not made to technical data except where terminology is unclear or additional information is required to satisfy Australian requirements.

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