

SAFETY DATA SHEET



PHOENIX®

Issue Date: AUGUST 2013

Revision 2.2 Date: 26/08/2019

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PX DEWATERING AGENT

Code : DEWATER
Use : Dewatering Agent
Other Name/ s : Penetrating Oil
Shipping Name : PETROLEUM DISTILLATES N.O.S.

Name : Phoenix Lubricants Pty Ltd (ABN 41 820 770 617)
Address : 2 Paul Court, Dandenong Vic 3175
Telephone : (03) 9791 7661
Facsimile : (03) 9791 8831
Email : info@phoenixlubricants.com.au
Web : www.phoenixlubricants.com.au

2. HAZARD IDENTIFICATION

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

Hazard Class and Category:

Flammable Liquids Category 3

Aspiration Hazard Category 1

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Irritation - Category 2A

Specific Target Organ Toxicity (Single Exposure) - Category 3 Respiratory Tract Irritation

Specific Target Organ Toxicity (Single Exposure) - Category 3 Narcotic Effects

Specific Target Organ Toxicity (repeated exposure) – Category 1

Signal Word:

DANGER

GHS Pictograms:



Hazard Statements:

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H319: Causes serious eye irritation

H336: Causes respiratory tract irritation

H337: May cause drowsiness and dizziness

H372: Causes damage to organs through prolonged or repeated exposure.

AUH066: Repeated exposure may cause skin dryness or cracking

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P241: Use explosion-proof electrical, ventilating, lighting and equipment.

2. HAZARD IDENTIFICATION – CONT.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing vapours.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves and eye protection.

P270: Do not eat, drink or smoke when using this product.

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

P312: Call a POISON CENTER or doctor if you feel unwell.

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

P332+P313: If skin irritation occurs: Get medical advice.

P362: Take off contaminated clothing and wash before reuse.

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

P403+P235+P233: Store in a well ventilated place. Keep cool. Keep container tightly closed.

P405: Store locked up.

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

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 advice/attention.

P501: Dispose of contents and container as hazardous waste.

Poison Schedule S5

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS:

Component	CAS No.	Conc, %
Naphtha, hydrodesulphurized heavy *	64742-82-1	30-60%
Xylenes	1330-20-7	1-10%
Benzene, 1,2,4-trimethyl-	95-63-6	1-10%
Benzene, 1,3,5-trimethyl-	108-67-8	1-10%

Other ingredients not classified as hazardous chemicals according to Safe Work Australia Criteria – Balance

*Contains less than 0.1% benzene.

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** :
- Seek medical attention if respiratory irritation, dizziness, nausea or headache occurs 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

HAZCHEM Code	:	3Y
Flash point	:	41-42°C
Fire & Explosive Properties	:	Flammable Liquid. Avoid all ignition sources. May ignite when heated or in contact with hot surfaces. Flashback along the vapour trail may occur.
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	:	<ul style="list-style-type: none">• 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

Small Spills:

Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large Spills:

Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for disposal. Ventilate area well and ensure the atmosphere is safe before personnel return to the work area. If contamination of sewers or waterways has occurred, advise the local emergency services and environmental 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	:	<ul style="list-style-type: none">• Eye wash and safety shower to be available in the workplace.• Wear PPE as per this SDS to prevent inhalation, skin and eye contact• 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 flammable, avoid sources of heat or ignition when handling
- No eating or drinking in the work area.
- Use grounding leads to avoid discharge (electrical spark)
- Have emergency equipment (for fires, spills, leaks, etc.) readily available.
- Work from suitable, labelled, fire-resistant containers.
- Keep containers closed when not in use.

Conditions for Safe Storage :

- Store away from food, drink and animal feedstuffs.
- Flammable 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.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

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	64742-82-1	TWA	No value set
Xylene	1330-	TWA / STEL	80ppm / 350 mg/m ³ 150ppm / 655 mg/m ³
Trimethyl benzene	various	TWA	25 ppm / 123 mg/m ³

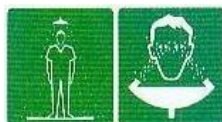
These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measurement of relative toxicity.

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



Organic



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear liquid
Odour	:	Solvent odour
pH (33% sol'n)	:	Not Applicable
Vapour Pressure (kpa)	:	Not Available
Vapour Density	:	Heavier than air
Boiling Point	:	Not Available
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	:	41-42°C
Percent Volatiles	:	100
Upper Explosive Limit	:	6.5%
Lower Explosive Limit	:	0.7%
Auto ignition Temperature	:	296 deg.C.

ADDITIONAL INFORMATION

Specific Heat Value	:	N/A
Particle Size	:	N/A
VOC Content	:	100%
Evaporation Point	:	N/A
Kinematic Viscosity @ 20°C	:	N/A
Kinematic Viscosity@ 100°C	:	N/A
Octanol / Water Partition Coefficient	:	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	:	Oxidising agents.
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 entering 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 moderate to serious 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. Prolonged exposure may result in dryness and cracking.
Inhalation	:	Material is an irritant to the respiratory tract. 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)

Inhalation: Exposure to large concentrations of vapour over an extended period of time may result in permanent damage to the nervous system and other organs.

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	:	May be toxic to aquatic life with long term effects.
Persistence / Degradability	:	Material is not readily biodegradable..
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

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. 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
Special Precautions for Landfill or Incineration	:	

14. TRANSPORT INFORMATION

ENSURE ALL PACKAGES ARE IN ACCORDANCE WITH THE AUSTRALIAN DANGEROUS GOODS CODE (ADGC)

UN Number	:	1268
UN Proper Shipping Name	:	Petroleum Distillates, N.O.S.
Dangerous Goods Class and Subsidiary Risk	:	Class 3: Flammable Liquids
Packing Group	:	III
Hazchem Code	:	3Y
Limited Quantities	:	5L
Marine Pollutant	:	Yes

Dangerous Goods Segregation:

This product is classed as Dangerous Goods Class 3, packing group III.
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

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.

MSDS Issue Date : 29/08/2013
SDS Revision 2.2 Date : 26/08/2019
Supplier : Phoenix Lubricants Pty Ltd