1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**PX DEWATERING AGENT**

**Code**: DEWATERING AGENT  
**Use**: Dewatering Agent  
**Other Name/s**: Penetrating Oil

**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

**This substance is classified as non-hazardous according to the criteria of Worksafe Australia**

**UN Number**: 1993  
**Dangerous Goods Class**: Class 3: Flammable Liquids  
**Packing Group**: III  
**Hazchem Code**: 3Y

**Statement of Hazardous Nature**

This material is considered to be hazardous to health, and should be handled in accordance with good industrial hygiene and safety practices.

**Hazard Phrases**:  
Xn Harmful.

**Risk Phrases**:  
R65 Harmful: May cause lung damage if swallowed.

**Safety Phrases**:  
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.  
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this document.

**Poisons Schedule**: S5

3. COMPOSITION / INFORMATION ON INGREDIENTS

**INGREDIENTS:**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Conc. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (Petroleum), hydrodesulphurised</td>
<td>64742-82-1</td>
<td>&gt;60</td>
</tr>
<tr>
<td>Ingredients determined to be non-hazardous</td>
<td>Balance</td>
<td></td>
</tr>
</tbody>
</table>
4. **FIRST AID MEASURES**

**REMOVE FROM EXPOSURE IF SAFE TO DO SO**

<table>
<thead>
<tr>
<th>Route</th>
<th>Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Swallowed (Oral)</strong></td>
<td>Give large amount of water&lt;br&gt;Do NOT induce vomiting or give anything by mouth to an unconscious person&lt;br&gt;If vomiting occurs give further water&lt;br&gt;Seek immediate medical attention</td>
</tr>
<tr>
<td><strong>Eye</strong></td>
<td>Hold eye open&lt;br&gt;Irrigate with lukewarm water for ten (10) minutes&lt;br&gt;Seek medical attention&lt;br&gt;Take special care if person is wearing contact lenses</td>
</tr>
<tr>
<td><strong>Skin (Dermal)</strong></td>
<td>Remove contaminated clothing&lt;br&gt;Wash skin with soap and water&lt;br&gt;If irritation develops, seek immediate medical attention</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Remove from exposure&lt;br&gt;Loosen/remove clothing&lt;br&gt;If breathing affected, clear airways&lt;br&gt;Move to fresh air and observe until recovered&lt;br&gt;Seek medical attention if respiratory irritation, dizziness, nausea or headache occurs.</td>
</tr>
</tbody>
</table>

**ADVICE TO DOCTOR**

- Treat symptomatically with supportive care.
- For further information contact:
  - AUSTRALIAN POISONS INFORMATION CENTRE<br>24 HOUR SERVICE 13 11 26
  - NEW ZEALAND POISONS INFORMATION CENTRE<br>24 HOUR SERVICE 0800 764 766

5. **FIRE FIGHTING MEASURES**

| Hazchem Code | 3Y |
| Fire & Explosive Properties | Flammable |
| Suitable Extinguishing Media | Suitable extinguishing media are carbon dioxide, dry chemical or foam. |
| Hazards from Combustion Products | Flammable liquid. May form flammable vapours. Flashback along the vapour trail may occur. Avoid all ignition sources. |
| Precautions for Fire Fighters - Special Equipment | Positive pressure self-contained breathing apparatus (SCBA) and protective suit operated in positive pressure mode<br>Protective fire fighting clothing |

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**HAZCHEM Emergency Action Code**

- **P** - FIRE & EXPLOSIVE
- **V** - POISONOUS
- **E** - TURBULENT FLUID

**FOR FIRE OR SPILLAGE**

- **1** - COOL BY WATER SPRAY
- **2** - FIRE SPRAY
- **3** - FOAM NORMAL PROPORTION
- **4** - DRY AGENT
- **5** - ALCOHOL RESISTANT

**KEEP AWAY INTO THE WIND**

**LEGEND**

- **V** - Use equipment to dilute or contain spillage
  - **P** - Use positive pressure self-contained breathing apparatus (SCBA)
  - **E** - Use equipment to dilute or contain spillage

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**Print Date: 11/01/2016**

**Page 2 of 7**

**MSDS - Dewatering Agent**
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.

7. HANDLING AND STORAGE

Precautions for Safe Handling:
Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye contact. Handle and use the material in a well-ventilated area, away from sparks, flames and other ignition sources. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Work from suitable, labelled, fire-resistant containers. Keep containers closed when not in use. Flameproof equipment is necessary in areas where the product is being used. Do not empty into drains. Maintain a high level of personal hygiene when using the product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for Safe Storage:
Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, foodstuffs, clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. 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. This material is a Scheduled Poison S5 and must be stored in accordance with State and Federal regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS:
No value assigned for this specific material by the Australian National Occupational Health and Safety Commission (NOHSC) or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, the available exposure limits on the ingredients are as follows:

Australian National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

<table>
<thead>
<tr>
<th>Substance</th>
<th>TWA ppm</th>
<th>STEL NOTICES ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil mist, refined mineral</td>
<td>-</td>
<td>5</td>
</tr>
</tbody>
</table>

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit) – The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

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.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.
ENGINEERING CONTROLS

- Provide local exhaust when threshold limits might be exceeded.

PERSONAL PROTECTION

Eye Protection: Wear chemical splash goggles or face shield in accordance with AS/NZS1337, Eye protection for industrial applications.

Gloves: Wear industrial gloves 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: Wear an approved respirator in accordance with AS/NZS1715 - Selection, use and maintenance of respiratory protective devices (when ventilation is inadequate).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown liquid
Odour: Petroleum/ Solvent Odour
pH (33% sol’n): N/A
Vapour Pressure: N/A
Vapour Density (Air = 1): >1
Boiling Point: N/A
Freezing / Melting Point: N/A
Solubility in Water: Insoluble in water
Specific Gravity: N/A

INFORMATION FOR FLAMMABLE MATERIALS

Volatile component: N/A
Upper Explosive Limit: N/A
Lower Explosive Limit: N/A
Flash point: 41°C - 42°C
Auto ignition Temperature: 296 deg.C.

ADDITIONAL INFORMATION

Specific Heat Value: N/A
Particle Size: N/A
VOC Content: N/A
Evaporation Rate: N/A
Kinematic Viscosity @ 40°C: N/A
Kinematic Viscosity@ 100°C: N/A
Octanol / Water Partition: N/A
Coefficient
Saturation Vapour Concentration: N/A
 Decomposition Temperature: N/A
 Electrostatic Stability: N/A
 Pour Point: N/A
10. STABILITY AND REACTIVITY

Chemical Stability : This product should be kept in a cool place, preferably below 30 deg. C. Keep containers tightly closed.

Conditions to avoid : Heat, sparks, flame and build-up of static electricity.

Incompatible Materials : Strong oxidising agents.

Hazardous Decomposition Products : Combustion forms oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

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

Swallowed (Oral) : Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchopneumonia or pulmonary oedema.

Eye : Will irritate the eyes. Symptoms may include redness, excessive tearing, stinging, swelling and blurred vision.

Skin (Dermal) : Contact with skin may result in slight irritation and redness.

Inhalation : Material may be irritant to mucous membranes and respiratory tract.

CHRONIC (MEDIUM OR LONG TERM)

No information currently available for this product

MIXTURE VERSUS INGREDIENT

- Not provided

SUMMARY OF TOXICITY DATA

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not provided</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CARCINOGENICITY

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

COMPOUNDING EFFECTS

- Not provided

FOR SOLVENTS

USED SOLVENTS

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

12. ECOLOGICAL INFORMATION

Acute Toxicity - Fish : Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment

Persistence / Degradability : No information available

Mobility : No information available

Environmental Fate (Exposure) : Do not allow waste product to reach waterways, drains and sewers
13. DISPOSAL CONSIDERATIONS

Disposal Methods:
The spilled or waste material must be disposed of in accordance with relevant local, state and federal regulations. Uncleaned packaging must be disposed of in the same manner as the material. Empty containers may retain vapours and product residues and therefore present health, fire and explosion hazards.

14. TRANSPORT INFORMATION

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

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>1993</td>
</tr>
<tr>
<td>UN Proper Shipping Name</td>
<td>Flammable Liquid, N.O.S (Hydrocarbon Solvent)</td>
</tr>
<tr>
<td>Dangerous Goods Class</td>
<td>Class 3</td>
</tr>
<tr>
<td>and Subsidiary Risk</td>
<td>Flammable Liquids</td>
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<tr>
<td>Packing Group</td>
<td>III</td>
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<tr>
<td>Hazchem Code</td>
<td>3Y</td>
</tr>
<tr>
<td>EPG Number</td>
<td>N/A</td>
</tr>
<tr>
<td>Special Precautions</td>
<td>Not allocated</td>
</tr>
<tr>
<td>IERG Number</td>
<td>14</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION (AUSTRALIA)

Regulatory Information
Australia:
Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC).

Poisons Schedule: S5

Hazard Category: Flammable

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

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 fire fighters
- IARC: International Agency for Research on Cancer
- NOS: Not otherwise specified
- NTP: National Toxicology Program (USA)
- R-Phrase: Risk Phrase
- SUSMP: Standard for the Uniform Scheduling of Medicines & Poisons
- UN Number: United Nations Number
CONTACT POINT

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 MSDS is derived from International and Australian data and is formatted generally in accordance with the National Occupational Health and Safety Commission (NOHSC) Guidelines. Modifications are not made to technical data except where terminology is unclear or additional information is required to satisfy Australian requirements.

SOURCE FOR DATA

<table>
<thead>
<tr>
<th>MSDS Issue Date</th>
<th>11/05/2012</th>
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</thead>
<tbody>
<tr>
<td>MSDS Revision 1.0 Date</td>
<td>29/06/2015</td>
</tr>
<tr>
<td>Supplier</td>
<td>Phoenix Lubricants Pty Ltd</td>
</tr>
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</table>