# SAFETY DATA SHEET

***Issue Date: AUGUST 2013***
***Revision 3.0 Date: 05/08/2019***

PHOENIX®

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

# PX TYRE SHINE

| | | |
|---|---|---|
| **Code** | : | TYRESHINE |
| **Use** | : | Tyre Shine |
| **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 2
Aspiration Hazard - Category 1
Skin Corrosion/Irritation - Category 2
Toxic to Reproduction - Category 2
Specific Target Organ Toxicity (Single Exposure) - Category 3 Narcotic Effects
Specific Target Organ Toxicity (Repeated Exposure) - Category 2

**Signal Word:**
**DANGER**
**GHS Pictograms:**

**Hazard Statements:**
H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways
H315: Causes skin irritation
H336: May cause drowsiness and dizziness
H361: Suspected of damaging fertility or the unborn child
H373: May cause damage to organs through prolonged or repeated exposure.
AUH066: Repeated exposure may cause skin dryness or cracking

**Precautionary Statements:**
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
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.
P240: Ground container and receiving equipment.

## 2. HAZARD IDENTIFICATION – CONT.

P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing vapours or spray.
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.
P308 + P313: IF exposed or concerned: Get medical advice/attention.
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.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER or 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.
P501: Dispose of contents and container as hazardous waste.
**Poison Schedule** S5 Liquid hydrocarbons

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### INGREDIENTS:

| Component | CAS No. | Conc, % |
|---|---|---|
| Solvent Naphtha, petroleum. Light aliphatic * | 64742-89-8 | <90% |

Other ingredients not classified as hazardous chemicals according to Safe Work Australia Criteria – Balance
*Contains less than 0.1% benzene. Typically contains n-hexane

## 4. FIRST AID MEASURES

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

**Swallowed** :
*Unlikely exposure route*
- Do not induce vomiting
- Keep at rest.
- If conscious, give water
- If patient is drowsy or unconscious, place them on their left side with their head down
- Seek immediate medical attention
- For advice, call Poisons Information Centre

**Eye** :
- Hold eye open
- Irrigate with water for at least 15 minutes
- Seek medical attention
- Take special care if person is wearing contact lenses. Remove lenses if easy to do.

**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

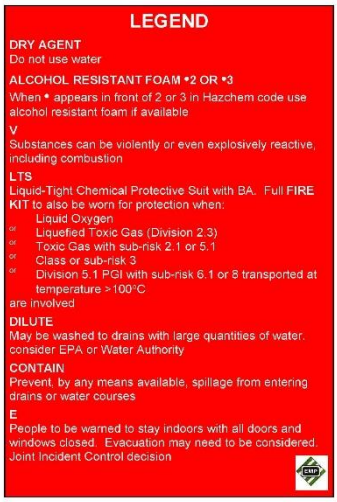
**Inhalation** :
- Seek medical attention if respiratory irritation, dizziness, nausea or headache occurs Remove from exposure if safe to enter area
- Loosen/remove clothing
- Move to fresh air
- Administer artificial respiration if breathing has stopped
- Seek immediate medical attention

### 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** : 3YE

**Flash point** : -20°C

**Fire & Explosive Properties** : Highly flammable liquid and vapour. Avoid all ignition sources - May ignite from sparks or flames, when heated or in contact with hot surfaces. Flashback along the vapour trail may occur from a considerable distance. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low lying spaces. Liquid will float on water and can be reignited on surface water.

**Suitable Extinguishing Media** : Suitable extinguishing media are dry chemical or foam.

**Hazards from Combustion Products** : 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

## 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 non-combustible absorbent such as sand or vermiculite. 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** :

- 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 |
|---|---|---|---|
| Solvent Naphtha, petroleum. Light aliphatic | 64742-89-8 | TWA | No value set |
| For guidance: n-hexane | 110-54-3 | TWA | 20 ppm / 72 mg/m$^3$ |

There is no exposure standard set for the hazardous ingredient. It is recommended that the exposure standard for n-hexane is used as a guide. 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 exposure guidance might be exceeded.
- Use explosion-proof ventilation equipment

### PERSONAL PROTECTION

**Eye Protection** : Wear safety glasses with side shields 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**.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT.)

**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* *PVC* *Industrial* *Non slip* *Organic*

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|---|---|
| **Appearance** | : | Clear liquid |
| **Odour** | : | Petroleum odour |
| **pH (33% sol'n)** | : | Not Applicable |
| **Vapour Pressure (kPa)** | : | 15 kPa at 20°C |
| **Vapour Density** | : | 3.1 |
| **Boiling Point** | : | 66-110°C |
| **Freezing / Melting Point** | : | No specific data. Liquid at normal temperatures |
| **Solubility in Water** | : | Negligible |
| **Specific Gravity** | : | 0.72-0.75 at 15 °C |

### INFORMATION FOR FLAMMABLE MATERIALS

| | | |
|---|---|---|
| **Flash Point** | | -20°C |
| **Percent Volatiles** | : | 100 |
| **Upper Explosive Limit** | : | 7.5% |
| **Lower Explosive Limit** | : | 1% |
| **Auto ignition Temperature** | : | 350 °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 °C. Keep containers tightly closed.

**Incompatible Materials** : Oxidising agents.

**Hazardous Decomposition Products** : Combustion forms carbon dioxide and oxides of nitrogen, 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 may cause some eye irritation, insufficient to classify. Symptoms may include stinging and reddening of eyes and watering which may become copious.

## 11. TOXICOLOGICAL INFORMATION (CONT.)

**Skin (Dermal)** : This product is irritating to the skin. Prolonged exposure may result in dryness and cracking and dermatitis.

**Inhalation** : This product may cause slight irritation to the respiratory tract. Exposure to high concentrations of vapour may result in muscle weakness, tingling in hands and feet, blurred vision, headaches, nausea, loss of appetite, hallucinations, and possible loss of consciousness. Effects are worse when there is also exposure to ketones, such as methyl ethyl ketone or acetone.

### CHRONIC (MEDIUM OR LONG TERM)

**Inhalation:** Exposure to concentrations of vapour over an extended period may result in permanent damage to the nervous system and other organs. Ingredients which may be present may affect fertility or cause damage to the unborn child. Effects are worse when there is also exposure to ketones such as methyl ethyl ketone or acetone.

**Skin:** Prolonged exposure may result in dryness and cracking, with dermatitis and increased absorption contributing to the inhalation effects above.

### 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** : 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** :

**Special Precautions for Landfill or Incineration** : 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 are 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

## 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** : II

**Hazchem Code** : 3YE

## 14. TRANSPORT INFORMATION (CONT.)

**Limited Quantities** 1L

**Marine Pollutant :** Yes

**Dangerous Goods Segregation:**

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



**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 3.0 Date :** 05/08/2019
**Supplier :** Phoenix Lubricants Pty Ltd