

SAFETY DATA SHEET



PHOENIX®

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1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PX SCREEN WASH

Code : SCREEN WASH
Proper Shipping Name : FLAMMABLE LIQUID N.O.S. (Contains Isopropanol)
Use : Windscreen Wash additive
Name : Phoenix Lubricants Pty Ltd (ABN 41 820 770 617)
Address : 2 Paul Court, Dandenong Vic 3175
Telephone : (03) 9791 7661
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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 3

Eye Irritation Category 2A

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

Signal Word: **WARNING**

GHS Pictograms:



Hazard Statements:

H226: Flammable liquid and vapour

H318: Causes serious eye irritation

P336: May cause drowsiness and dizziness

Precautionary Statements:

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

P233: Keep container tightly closed.

P405: Store locked up.

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

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing vapours and spray

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

P264: Wash hands thoroughly after handling.

P280: Wear eye protection.

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

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

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

2. HAZARD IDENTIFICATION (CONT)

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

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS:

| Component | CAS No. | Conc, % |
|---|---------|---------|
| Isopropyl Alcohol (Isopropanol) | 67-63-0 | 10 - 30 |
| Other ingredients not classified as hazardous chemicals according to Safe Work Australia Criteria | | |

4. FIRST AID MEASURES

REMOVE FROM EXPOSURE IF SAFE TO DO SO

- Swallowed** : *Unlikely exposure route*
- Give large amount of water
 - Do not induce vomiting or give anything by mouth to an unconscious person
 - Call Poisons Information Centre or seek medical attention
- Eye** :
- Hold eye open
 - Irrigate with water until irritation subsides (at least 15 minutes)
 - Seek immediate medical attention
 - Take special care if the person is wearing contact lenses
- Skin** :
- Flush area with large amounts of water
 - Remove contaminated clothing
 - Seek medical attention if skin irritation occurs
- Inhalation** :
- Remove from exposure if safe to enter area
 - Loosen/remove clothing
 - Move to fresh air and observe until recovered
 - Administer artificial respiration if breathing has stopped
 - Seek immediate medical attention if respiratory irritation, dizziness, nausea or headache occurs

ADVICE TO DOCTOR

- Treat symptomatically with supportive care.
- For further information contact:

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 | : | 27°C |
| Fire & Explosive Properties | : | Flammable, vapour explosion hazard when warm. Product is a mobile liquid. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low lying spaces forming potentially explosive mixtures. Vapours may flash back considerable distances. |
| Suitable Extinguishing Media | : | Suitable extinguishing media are dry chemical or alcohol resistant foam. |
| Hazards from Combustion Products | : | Fire decomposition products from this product may be toxic if inhaled. (Carbon dioxide and carbon monoxide) |

| HAZCHEM Emergency Action Code | | | |
|-------------------------------------|----------------------|---------------|---------|
| FOR FIRE OR SPILLAGE | | | |
| 1 | COARSE SPRAY | | |
| 2 | FINE SPRAY | | |
| 3 | FOAM NORMAL PROTEIN | | |
| 4 | DRY AGENT | | |
| 5 | 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

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Wear appropriate personal protective equipment and clothing to minimise exposure.

Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. 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 the subsequent recycling or disposal. Wash the cleaned up area with copious volumes of water to remove any trace amounts of product. Isopropanol mixes completely with water.

Spills can be converted to non-flammable mixtures by dilution with water. 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.

| 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: <ul style="list-style-type: none"> ☐ Liquid Oxygen ☐ Liquefied Toxic Gas (Division 2.3) ☐ Toxic Gas with sub-risk 2.1 or 5.1 ☐ CLASS or sub-risk 3 ☐ Division 6.1 (PG) 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 |

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. Take precautionary measures against static discharges.

Earth or bond all equipment. 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. Take precautions against static electricity discharges. Use proper grounding procedures. 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.

Reference should also be made to all Local, State and Federal regulations.

| | | |
|-----------------------|---|--|
| Container Type | : | <ul style="list-style-type: none"> • Store in original packaging as approved by manufacturer or regulatory direction. • Do not pressurise, cut, heat or weld containers- residual vapours are flammable. |
|-----------------------|---|--|

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONSTITUENT DATA

| Components | CAS-No. | Type | Value |
|-------------------|---------|------|----------------------------------|
| Isopropyl alcohol | 67-63-0 | TWA | 400 ppm / 983 mg/m ³ |
| | | STEL | 500 ppm / 1230 mg/m ³ |

ENGINEERING CONTROLS

- Provide local exhaust when exposure standards might be exceeded.
- Use explosion-proof ventilation equipment

PERSONAL PROTECTION

- Eye Protection** : Wear safety glasses or chemical splash goggles or face shield in accordance with **AS/NZS1337, Eye protection for industrial applications.**
- Gloves** : Wear chemical protective gloves (eg nitrile) 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, blue liquid
- Odour** : Characteristic alcohol odour
- pH (1% sol'n)** : Not Available
- Vapour Pressure (kPa)** : Not Available
- Vapour Density** : Heavier than air (isopropanol)
- Boiling Point** : Not available
- Freezing / Melting Point** : -10°C approx
- Solubility in Water** : Miscible
- Specific Gravity** : Not available.

INFORMATION FOR FLAMMABLE MATERIALS

- Flash Point** : 27°C approx
- Percent Volatiles** : 100%
- Upper Explosive Limit** : Not available
- Lower Explosive Limit** : Not available
- Auto ignition Temperature** : Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES (CONT.)

ADDITIONAL INFORMATION

| | | |
|------------------------------------|---|---------------|
| Specific Heat Value | : | N/A |
| VOC Content | : | 100% |
| Evaporation Rate | : | Not available |
| Kinematic Viscosity @ 40°C | : | N/A |
| 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 | : | Oxidising agents |
| Hazardous Decomposition Products | : | Combustion forms carbon dioxide, and if incomplete, carbon monoxide. |

11. TOXICOLOGICAL INFORMATION

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

| | | |
|------------------|---|--|
| Swallowed (Oral) | : | Swallowing may cause nausea, vomiting and irritation of the gastro intestinal tract. |
| Eye | : | This product is a 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. Vapours may 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. Prolonged or repeated contact and heavy skin contamination may exacerbate existing skin dryness and cracking and/or dermatitis with redness, itching, and swelling. This may lead to possible secondary infection. |
| Inhalation | : | Inhalation at levels at or exceeding the Occupational Exposure limits or any deliberate ingestion is known to lead to health effects which may be evident in themselves, or lead to impaired functioning and consequent safety risks in the industrial setting. Vapours may be irritating to mucous membranes and respiratory tract. Inhalation of the vapour may result in central nervous system depression, with headache, nausea, loss of coordination, and at high concentrations narcosis (sleepiness) and vomiting. |

CHRONIC (MEDIUM OR LONG TERM)

Long term exposure by swallowing or repeated exposures in excess of the occupational exposure limits occur, may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle. Persons with pre-existing liver impairment, skin and respiratory disorders may be at an increased risk.

CARCINOGENICITY

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

12. ECOLOGICAL INFORMATION

| | | |
|--------------------------------------|---|--|
| Ecotoxicity | : | Low environmental toxicity when dilute. Breakdown may remove oxygen from water |
| Persistence / Degradability | : | Material is readily biodegradable. Degrades rapidly in air. |
| Mobility | : | Highly volatile, will partition rapidly to air. |
| 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. |
| Special Precautions for Landfill or Incineration | : | |

14. TRANSPORT INFORMATION

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

| | | |
|--|---|--|
| UN Number | : | 1193 |
| UN Proper Shipping Name | : | FLAMMABLE LIQUID N.O.S. (contains isopropanol) |
| Dangerous Goods Class and Subsidiary Risk | : | Class 3: Flammable Liquids |
| Packing Group | : | III |
| Hazchem Code | : | ●3Y |
| Limited Quantities | : | 5L |
| Marine Pollutant | : | No |
| EPG Number | : | 3A1 |
| IERG Number | : | 14 |

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: Not Scheduled.

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) |
| 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.

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