

# SAFETY DATA SHEET



# PHOENIX®

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### TECHNICIAN SERIES TRANSMATIC LGF 8

**Code** : ATF 8HP  
**Use** : Automatic Transmission Fluid  
**Name** : Phoenix Lubricants Pty Ltd (ABN 41 820 770 617)  
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## 2. HAZARD IDENTIFICATION

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

### Hazard Class and Category:

Skin Corrosion/Irritation Category 2

### Signal Word:

**WARNING**

### GHS Pictograms:



### Hazard Statements:

H315: Causes skin irritation

AUH066: Repeated exposure may cause skin dryness or cracking

### Precautionary Statements:

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

P280: Wear protective gloves and eye protection.

P264: Wash hands thoroughly after handling.

P303+P361+P352: IF ON SKIN: Wash skin with plenty of soap and water.

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

P362: Take off contaminated clothing and wash before reuse.

P501: Dispose of contents and container as hazardous waste.

**Poison Schedule** : S5 (liquid hydrocarbons)

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### INGREDIENTS:

Component	CAS No.	% Proportion
Distillates (petroleum), hydrotreated light paraffinic	64742-54-7	>60%
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	10-30%
Alkyl borate	Proprietary	<0.8%
Dibutylhydrogen phosphite	1809-19-4	<0.2%
Diphenylamine	122-39-4	<0.2%
Ethoxylated amine	Proprietary	<0.15%
Other ingredients classified as not hazardous according to Safe Work Australia Criteria		Balance

The petroleum oils in this product contain less than 3% DMSO extract as measured by IP346 test method.

### 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
  - Rinse with water (at least 15 minutes)
  - Seek immediate medical attention
- Skin** :
- Flush area with 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

#### 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** : 198°C
- Fire & Explosive Properties** : Combustible Liquid. May ignite 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. Fire decomposition products from this product may be toxic if inhaled. (Carbon dioxide and carbon monoxide)
- Precautions for Fire Fighters** :
  - Positive pressure self-contained breathing apparatus (SCBA) and protective suit

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
<b>DRY AGENT</b> Do not use water
<b>ALCOHOL RESISTANT FOAM *2 OR *3</b> When * appears in front of 2 or 3 in Hazchem code use alcohol resistant foam if available
<b>V</b> Substances can be violently or even explosively reactive, including combustion
<b>LTS</b> Liquid-Tight Chemical Protective Suit with BA. Full FIRE KIT to also be worn for protection when: <ul style="list-style-type: none"> <li>☐ Liquid Oxygen</li> <li>☐ Liquefied Toxic Gas (Division 2.3)</li> <li>☐ Toxic Gas with sub-risk 2.1 or 5.1</li> <li>☐ Class or sub-risk 3</li> <li>☐ Division 5.1 PGI with sub-risk 6.1 or 8 transported at temperature &gt;100°C</li> </ul> are involved
<b>DILUTE</b> May be washed to drains with large quantities of water, consider EPA or Water Authority
<b>CONTAIN</b> Prevent, by any means available, spillage from entering drains or water courses
<b>E</b> 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 SDS
  - Absorb / contain waste, use earth, vermiculite, inert material
  - Collect and seal in appropriate container
  - Label the container
  - Create bund
  - Do not contaminate surface waters - depletion of oxygen in the water will occur.
  - 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 mist/spray may be formed present.
  - Product is combustible, avoid sources of heat when handling
  - No eating or drinking in the work area.
- 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. Store below 40 °C to maintain product quality.
  - 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.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### CONSTITUENT DATA

Components	CAS-No.	Type	Value
Oil Mist	Various	TWA	5 mg/m <sup>3</sup>
Diphenylamine	122-39-4	TWA	10 mg/m <sup>3</sup>

### ENGINEERING CONTROLS

- Provide local exhaust when exposure standards may be exceeded.

### PERSONAL PROTECTION

- Eye Protection** :
- Wear safety glasses with side shields with face shield (if warranted) 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 / particulate (mist) respirator in accordance with **AS/NZS1715 - Selection, use and maintenance of respiratory protective devices**



Available



Side shields



or



PVC/ Nitrile



Industrial



Non slip



or



Organic Vapour/particulate

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	:	Clear, colourless liquid
<b>Odour</b>	:	Mild
<b>pH (sol'n)</b>	:	Not Applicable
<b>Vapour Pressure (kpa)</b>	:	Not available
<b>Vapour Density</b>	:	Heavier than air
<b>Boiling Point</b>	:	Not available
<b>Freezing / Melting Point</b>	:	No specific data. Liquid at normal temperatures
<b>Solubility in Water</b>	:	Negligible
<b>Specific Gravity</b>	:	0.8345 at 15 °C.

### INFORMATION FOR FLAMMABLE MATERIALS

<b>Flash Point</b>	:	198°C
<b>Percent Volatiles</b>	:	90
<b>Upper Explosive Limit</b>	:	Not available
<b>Lower Explosive Limit</b>	:	Not available
<b>Auto ignition Temperature</b>	:	318 °C.

### ADDITIONAL INFORMATION

<b>Specific Heat Value</b>	:	N/A
<b>Particle Size</b>	:	N/A
<b>VOC Content</b>	:	100%
<b>Evaporation Point</b>	:	N/A
<b>Kinematic Viscosity @ 40°C</b>	:	26.79cSt
<b>Kinematic Viscosity@ 100°C</b>	:	5.714cSt
<b>Octanol / Water Partition Coefficient</b>	:	N/A
<b>Pour Point ASTM D97</b>	:	-45 °C
<b>Decomposition Temperature</b>	:	N/A

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	:	This product should be kept in a cool place, preferably below 40 °C for product quality. Keep containers tightly closed.
<b>Incompatible Materials</b>	:	Strong oxidising agents.
<b>Hazardous Decomposition Products</b>	:	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke.

## 11. TOXICOLOGICAL INFORMATION

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

<b>Swallowed (Oral)</b>	:	Swallowing this product may result in headaches, nausea, and diarrhoea.
<b>Eye</b>	:	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.
<b>Skin (Dermal)</b>	:	This product may be irritating to the skin. It may result in dryness and cracking from prolonged or repeated exposure.
<b>Inhalation</b>	:	Vapour levels are generally low, but exposure to spray or mist of product over an extended period of time may result in irritation of the respiratory tract.

### CHRONIC (MEDIUM OR LONG TERM)

Skin dryness and cracking may occur.

### CARCINOGENICITY

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

### FOR SOLVENTS

### USED PRODUCT

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

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	:	Toxic to aquatic life with long lasting effects.
<b>Persistence / Degradability</b>	:	Material not expected to be readily biodegradable
<b>Mobility</b>	:	Some will partition slowly to air. If product enters soil, it may contaminate ground water.
<b>Environmental Fate (Exposure)</b>	:	Do not allow waste product to reach waterways, drains and sewers

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Methods</b>	:	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. Dispose of using a licensed waste contractor. This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.
<b>Special Precautions for Landfill or Incineration</b>	:	
	:	

## 14. TRANSPORT INFORMATION

### NOT CLASSIFIED AS DANGEROUS GOODS DUE TO HIGH FLASHPOINT

<b>UN Number</b>	:	None
<b>UN Proper Shipping Name</b>	:	None
<b>Dangerous Goods Class and Subsidiary Risk</b>	:	None
<b>Packing Group</b>	:	None
<b>Hazchem Code</b>	:	None

### 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:**

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

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### CONTACT POINT

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**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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