

# Material Safety Data Sheet

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Infosafe No™ LPVLO Issue Date : June 2008 ISSUED by PENRITEO

Product Name : **SIN ATF**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SIN ATF  
**Product Code** SINATF  
**Company Name** PENRITE OIL COMPANY P/L (ABN 25005 001 525)  
**Address** 88 Lewis Road Wantirna South  
Victoria 3152 Australia  
**Emergency Tel.** 03 9801 0877 B.H  
**Telephone/Fax Number** Tel: 03 9801 0877  
**Recommended Use** Automatic transmission fluid.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrase(s)** R36/38 Irritating to eyes and skin.  
R43 May cause sensitization by skin contact.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrase(s)** S24/25 Avoid contact with skin and eyes.  
S36/37 Wear suitable protective clothing and gloves.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Alkyl Thiophosphites		0-<25 %
	Ingredients determined not to be hazardous	Not required	Balance

## 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

**Ingestion** Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops seek medical attention.

**Eye** If in eyes, hold eyelids apart and flush the eyes immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.

**First Aid Facilities** Eye wash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

**Other Information** For advice in an emergency contact the Poisons Information Centre Australia on 131 126.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Foam, carbon dioxide, dry chemical powder, water spray and water fog.

**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen and oxides of sulphur.

**Specific Hazards** Combustible liquid. This product will burn if exposed to fire.

**Precautions in connection with Fire** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

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## 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. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling**      Wear appropriate protective equipment to prevent inhalation and eye exposure. Use in designated areas with adequate ventilation. Avoid breathing in spray, mist or vapours. Keep containers closed when not in use. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Practice good personal hygiene, 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 heat, sources of ignition, oxidising agents, foodstuffs, 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. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. 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.

**Storage Regulations**      Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards**      No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for oil mist is 5 mg/m<sup>3</sup>. As with all chemicals, exposure should be kept to the lowest possible levels.

**Biological Limit Values**      TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  
No biological limit allocated.

**Engineering Controls**      Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

**Respiratory Protection**      If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

**Eye Protection**      Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection**      Wear gloves of impervious material such as neoprene or nitrile rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves -

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<b>Body Protection</b>	Selection, use and maintenance. Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Dark straw Liquid.
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<b>Odour</b>	Slight petroleum odour.
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<b>Melting Point</b>	Not available
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<b>Boiling Point</b>	Not available
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<b>Solubility in Water</b>	Negligible
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<b>pH Value</b>	Not applicable
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<b>Vapour Pressure</b>	Not available
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<b>Vapour Density</b>	Not available
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<b>Viscosity</b>	8.3 at 100°C cSt
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<b>Pour Point</b>	38 at 40°C cSt -42°C
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<b>Density</b>	0.852 at 15°C
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<b>Flash Point</b>	178°C
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<b>Auto-Ignition</b>	Not available
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<b>Temperature</b>	
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<b>Flammable Limits -</b>	Not available
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<b>Lower</b>	
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<b>Flammable Limits -</b>	Not available
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<b>Upper</b>	
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## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
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<b>Conditions to Avoid</b>	Heat, flames and other ignition sources.
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<b>Incompatible</b>	Strong oxidising agents.
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<b>Materials</b>	
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<b>Hazardous</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen and oxides of sulphur.
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<b>Decomposition</b>	
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<b>Products</b>	
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<b>Hazardous</b>	Will not occur.
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<b>Polymerization</b>	
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## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology</b>	No toxicology data available for this product.
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<b>Information</b>	
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<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
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<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
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<b>Skin</b>	Can be irritating to skin. May cause redness, itching and irritation. May cause sensitization by skin contact.
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<b>Eye</b>	Can be irritating to eyes. May cause irritation, tearing, stinging, blurred vision and redness.
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<b>Chronic Effects</b>	Prolonged or repeated skin contact may cause defatting leading to dermatitis.
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## 12. ECOLOGICAL INFORMATION

<b>Ecological</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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<b>Information</b>	
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<b>Ecotoxicity</b>	Not available
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<b>Persistence / Degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Environ. Protection</b>	Do not allow product to enter drains, waterways or sewers.

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### 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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### 14. TRANSPORT INFORMATION

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<b>Transport Information</b>	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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### 15. REGULATORY INFORMATION

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<b>Regulatory Information</b>	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
<b>Poisons Schedule</b>	Not Scheduled
<b>Hazard Category</b>	Irritant

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### 16. OTHER INFORMATION

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<b>Date of preparation or last revision of MSDS</b>	MSDS Reviewed: June 2008 MSDS Superseded: January 2007
<b>Contact Person/Point</b>	TITLE: Technical and Marketing Director TELEPHONE NUMBER: 03 9801 0877 B.H ...End Of MSDS...

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