

Material Safety Data Sheet

CS: 1.4.22

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Infosafe No™ C90GJ	Issue Date :August 2008	ISSUED by PENRITEO	CS: 1.4.22
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Product Name : **ATF DX-III**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	ATF DX-III
Product Code	ATFDX3
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	NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. Hazard classification according to the criteria of NOHSC. Dangerous goods classification according to the Australia Dangerous Goods Code.
Safety Phrase(s)	S24/25 Avoid contact with skin and eyes. S36/39 Wear suitable protective clothing and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Lubricating Oils (Petroleum), Hydrotreated Neutral Oil Based Distillates,	- 64742-54-7	60-100 % 30-60 %
	Hydrotreated Heavy Paraffinic Additives	Mixture	0-10 %

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. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop 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.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide, dry chemical, foam and water fog.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including aldehydes, oxides of sulphur, carbon monoxide, carbon dioxide and oxides of nitrogen.
Specific Hazards	Combustible liquid. This product will burn if exposed to fire. Heating under fire conditions may result in the violent rupture of product containers.
Precautions in connection with Fire	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

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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, non-combustible absorbent 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.
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7. HANDLING AND STORAGE

Precautions for Safe Handling	Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with large quantities, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. 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 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. 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. Reference should also be made to all State and Federal regulations.
Storage Regulations	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940.

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 ³ . As with all chemicals, exposure should be kept to the lowest possible levels. 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.
Biological Limit Values	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 mists or vapours are generated and ventilation is inadequate, particularly in enclosed areas then an approved respirator with a replaceable organic vapour/mist filter is recommended. 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 nitrile. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference

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Product Name : **ATF DX-III**

Body Protection	should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	A red liquid.
Odour	Mild petroleum oil like.
Freezing Point	Not available
Boiling Point	Not available
Solubility in Water	Insoluble
pH Value	Not applicable
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Viscosity	7.4 cSt at 100°C 35 cSt at 40°
Pour Point	-53°C
Density	0.851 at 15°C
Flash Point	>170°C
Flammability	Combustible liquid
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicology data available for this specific product.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	May cause redness, itching and irritation.
Eye	May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects	Repeated or prolonged skin contact may lead to dermatitic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available for this specific product.
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Persistence /	Not available
Degradability	
Mobility	Not available
Bioaccumulative	Not available
Potential	
Environ. Protection	Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal	The disposal of the spilled or waste material must be done in accordance with
Considerations	applicable local and national regulations.

14. TRANSPORT INFORMATION

Transport	Not classified as a Dangerous Good, according to the Australian Code for the
Information	Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Date of preparation	MSDS Reviewed: August 2008
or last revision of	MSDS Superseded: March 2007
MSDS	
Contact Person/Point	TITLE: Technical and Marketing Director
	TELEPHONE NUMBER: 03 9801 0877 B.H
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