

Material Safety Data Sheet

CS: 1.4.18

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Product Name : **CVT FLUID V**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	CVT FLUID V
Product Code	CVTV
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	Fluid for CVT with Van Doorne belt system.

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)	S29 Do not empty into drains.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous	-	60-100 %
	Amide ester	Proprietary	0-1 %

4. FIRST AID MEASURES

Inhalation	Remove the source of contamination or move the victim to fresh air. Apply artificial respiration if not breathing. If symptoms develop and persist, seek medical attention.
Ingestion	Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
Eye	If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water spray, foam, dry chemical or carbon dioxide
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes.
Specific Methods	Use water spray to cool fire exposed surfaces.
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.

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 unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your
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local Waste Management Authority.

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. Skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using 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.

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 - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.
Biological Limit Values	No biological limit allocated.
Engineering Controls	General dilution ventilation should be sufficient, however where vapours or mists are generated, a local exhaust ventilation system, drawing vapours/mists away from workers' breathing zone, should be used.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Wear gloves of impervious material. 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 - Selection, use and maintenance.
Body Protection	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Oily liquid.
Odour	Not available.
Melting Point	Not available.
Boiling Point	Not available
Solubility in Water	Not available.
Specific Gravity	0.852 @ 15°C
pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Viscosity	34 cSt @ 40°C 7.1 cSt @ 100°C
Flash Point	190°C

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Product Name : **CVT FLUID V**

Flammability Combustible.**Flammable Limits - Lower** Not available**Flammable Limits - Upper** Not available

10. STABILITY AND REACTIVITY**Chemical Stability** Stable under normal conditions.**Conditions to Avoid** Heat, flames and other ignition sources.**Incompatible Materials** Strong oxidizing.**Hazardous Decomposition Products** Thermal decomposition may result in the release of toxic and/or irritating fumes.**Hazardous Polymerization** Will not occur.

11. TOXICOLOGICAL INFORMATION**Toxicology Information** No toxicity data available.**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** On eye contact this product may cause tearing, stinging, blurred vision, and redness.**Chronic Effects** Not available.

12. ECOLOGICAL INFORMATION**Ecotoxicity** No data available for this specific product.**Persistence / Degradability** Not available.**Mobility** Not available**Environ. Protection** Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS**Disposal Considerations** Dispose of waste according to federal, EPA and state regulations.

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

15. REGULATORY INFORMATION**Poisons Schedule** Not Scheduled

16. OTHER INFORMATION**Date of preparation or last revision of MSDS** MSDS Created: November 2007**Contact Person/Point** TITLE: Technical and Marketing Director
TELEPHONE NUMBER: 03 9801 0877 B.H
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