



# Material Safety Data Sheet

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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

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Product Name: **Fortron AUTOMATIC TRANSMISSION/POWER STEERING FLUSH**

Other Names: **AUTOMATIC TRANSMISSION/POWER STEERING FLUSH  
FATF – 325ml bottle**

Recommended Use: Helps remove varnish and sludge deposits from the transmission and power steering. Designed to clean all internal transmission and power steering components, to prepare them for addition of new transmission fluid.

Supplier: Fortron Automotive Treatments Pty Ltd  
14-18 Sangiorgio Court, Osborne Park  
Perth, Western Australia 6017  
ACN 008 872 197 ABN 12 008 872 197

Phone: (618) 9202 7800 (Monday – Friday 8.00am – 5.00pm)

Fax: (618) 9202 7851  
[www.fortron.com.au](http://www.fortron.com.au)

Emergency Telephone No: 0433 088 498

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## 2. HAZARDS IDENTIFICATION:

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**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF THE NATIONAL OCCUPATIONAL HEALTH AND SAFETY COMMISSION (NOHSC)**

Hazard Symbol: Not applicable

Risk Phrase: Not applicable

Safety Phrase: Not applicable

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS:

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<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion % w/w</u>
Highly refined Paraffinic Oil	64742-65-0	60-100%
Additives	Proprietary	0-40%

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#### 4. FIRST AID MEASURES:

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Swallowed:	If swallowed and person is conscious, give water or milk to drink. If swallowed DO NOT induce vomiting except on advice of medical personnel. If advice cannot be obtained, take person and container to nearest emergency treatment centre. Never give anything by mouth to an unconscious person.  For advice, contact a Poisons Information Centre. Phone Australia 13 1126; New Zealand 03 4747 000 (Not after May 2005) or 0800 764 766; or a doctor (at once).
Eye:	If contact with the eye(s) occur, immediately hold the eye open and wash continuously for at least 15 minutes with fresh running water. Seek medical attention if irritation persists.
Skin:	In case of contact, remove contaminated clothing and wash before re-use. Wash skin thoroughly with water and soap.
Inhaled:	If inhaled, remove to fresh air. If rapid recovery does not follow, seek medical attention.
First Aid Facilities:	Safety shower, mild soap and eye wash facilities.
Advice to Doctor:	Treat symptomatically.

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#### 5. FIRE FIGHTING MEASURES:

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Flashpoint:	> 250°C (COC)
Extinguishing Media:	Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing.
Unusual Fire & Explosion Hazards:	Combustible liquid, C2.  Combustion Products: Carbon monoxide, carbon dioxide, and aldehydes and ketones, combustion products of nitrogen and sulphur.
Fire Fighting Precautions:	Self contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Hazchem Code:	None Allocated

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## 6. ACCIDENTAL RELEASE MEASURES:

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Emergency Procedures: Eliminate all sources of ignition in the vicinity of the spill or released vapour. Stop the source of the leak or release. Clean up releases as soon as possible. Observing precautions in personal protection equipment. Contain liquid to prevent further contamination of soil, surface water or ground water.

Methods and Materials for Containment and Clean Up:- Small Spills: Clean up small spills using appropriate techniques such as absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

Large Spills: As listed above for Small Spills.

Disposal: Follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water. Do not allow to enter drains, sewers or water courses – inform the local authorities if this occurs.

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## 7. HANDLING AND STORAGE:

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Combustible Liquid, C2.

Precautions for Safe Handling: Avoid contact with the skin and eyes, and avoid breathing vapours or mists. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure should be selected.

Conditions for Safe Storage: Classified as a Class C2 combustible liquid for storage and handling purposes. Store in a well ventilated place away from ignition sources, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use.

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

National Exposure Standards: Worksafe Australia has assigned the following exposure standards for oil mists;

	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Oil (as mists)		5		10

Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL).

Time-weighted average (TWA) is defined as the concentration of that substance over an eight-hour working shift, and apply to an eight-hour day, for a five-day working week over an entire working lifetime. Short Term Exposure Limits (STEL) and Peak Limitations may also be specified for short periods of exposure such as 15 minutes.

Engineering Controls: Use adequate ventilation to keep the airborne concentrations of this material below the WORKSAFE exposure standards for mineral oils mists. Local exhaust ventilation and/or enclosure of the process are preferred in these cases.

Personal Protective Equipment: Avoid contact with the skin and eyes, and avoid breathing vapours or mists. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:-

- Eye protection
- PVC gloves
- PVC apron and sleeves, or full PVC covering
- PVC or rubber boots

Where the concentration of vapour or mist is expected to approach the exposure limit, the following additional equipment is recommended:-

- Short elevated exposures, eg spillage – goggles and correct respiratory protection should be worn.
- NB – If the vapour/mist concentrations exceed the exposure limit by more than 10 times, air supplied apparatus should be used.
- For prolonged elevated exposures – full face air supplied or self contained breathing apparatus should be worn.

Contamination : If contamination occurs, change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.  
Observe good personal hygiene.

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**9. PHYSICAL AND CHEMICAL PROPERTIES:**

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Appearance:	Red liquid
Odour:	
pH:	Not applicable
Vapour Pressure:	Not applicable
Vapour Density:	Not available
Boiling Point:	Not applicable
Melting Point:	Not available
Solubility in Water:	Insoluble
Specific Gravity:	0.866
Flashpoint:	> 250°C (COC)
Flammability Limits:	LEL Not applicable UEL Not applicable
Viscosity:	34.5 cSt @ 40°C

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**10. STABILITY AND REACTIVITY:**

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Chemical Stability:	Stable under normal conditions of storage and handling.
Conditions to Avoid:	Combustible substance. Remove all sources of ignition, heat and naked flames.
Incompatible Materials:	Avoid oxidizing agents.
Hazardous Decomposition Products:	Under fire conditions: Carbon monoxide, carbon dioxide, and aldehydes and ketones, combustion products of nitrogen and sulphur.
Hazardous Reactions:	Polymerisation – Will not occur.

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**11. TOXICOLOGICAL INFORMATION:**

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**HUMAN HEALTH HAZARDS - ACUTE**

Swallowed:	Not expected to be acutely toxic by ingestion. If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhoea may occur.
Eye:	Not expected to cause eye irritation.
Skin:	Not expected to be irritating to the skin. May cause skin discolouration following prolonged or repeated contact.
Inhaled:	The vapour/mist may irritate the upper respiratory tract.
Chronic:	Prolonged or repeated skin contact may cause dermatitis.

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**11. TOXICOLOGICAL INFORMATION: - continued**

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Toxicology: Long term animal experiments have shown that any health risks are associated with the level of aromatic and polycyclic constituents in the product. These constituents are removed during the manufacturing process to a level at which no health risks are expected as a result of normal handling.

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**12. ECOLOGICAL INFORMATION:**

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Avoid contaminating waterways.

Ecotoxicity: No information is available on this product.

Persistence and Degradability: No information is available on this product.

Mobility: No information is available on this product.

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**13. DISPOSAL CONSIDERATIONS:**

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Disposal Methods and Containers: Follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water. Do not allow product to enter drains, sewers or water courses – inform the local authorities if this occurs.

Special Precautions for Landfill or Incineration: No special precautions required for product.

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**14. TRANSPORT INFORMATION:**

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UN Number: None Allocated

UN Proper Shipping Name: None Allocated

Class and Subsidiary Risk: None Allocated

Packaging Group: None Allocated

Special Precaution for User: None Allocated

Hazchem Code: None Allocated

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

Land Transport (ADG):  
Proper Shipping Name: Product is not regulated during transportation.

Air Transport (ICAO/IATA):  
Proper Shipping Name: Product is not regulated during transportation.

Marine Transport (IMDG/IMO):  
Proper Shipping Name: Product is not regulated during transportation.

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**15. REGULATORY INFORMATION:**

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Statement of Hazardous Nature: Not classified as Hazardous according to the criteria of National Occupational Health and Safety Commission (NOHSC)

Hazard Symbol: Not applicable

Risk Phrase: Not applicable

Safety Phrase: Not applicable

**16. OTHER INFORMATION:**

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**Please Note:**

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