

Infosafe No™ 5FVLW	Issue Date : August 2019	ISSUED by FUCHS
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Product Name **JCB OPTIMUM PERFORMANCE TRANSMISSION FLUID**

Not classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** JCB OPTIMUM PERFORMANCE TRANSMISSION FLUID  
**Product Code** 4574  
 JCB Product Code: 4004/6305C  
**Company Name** JCB Construction Equipment Australia  
**Address** 13 Yagine Close,  
 Perth Airport  
 WA 6105  
 Australia  
**Emergency Tel.** 1300 522 232. After Hours: +61 400 229 218.  
**Telephone/Fax Number** Tel: 1300 522 232  
**Recommended Use** Transmission fluid.  
**Other Information** This MSDS was issued by Fuchs Lubricants (Australasia) Pty. Ltd.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** Not classified as hazardous  
 AUSTRALIA  
 Not classified as hazardous according to the criteria of the NOHSC.  
 Not classified as dangerous goods according to the ADG Code.  
 NEW ZEALAND  
 Not classified as hazardous according to the Hazardous Substance (Minimum Degree of Hazard) regulations 2001.  
 Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Mineral oil		>60%
	Other ingredients determined not to be hazardous		To 100%

## 4. FIRST AID MEASURES

**Inhalation** Remove victim from exposure - avoid becoming a casualty. If symptoms develop seek medical attention.  
**Ingestion** DO NOT induce vomiting. Rinse mouth thoroughly with water immediately. Seek medical attention.  
**Skin** Remove contaminated clothing and wash skin thoroughly with soap and water. If symptoms develop seek medical attention.  
**Eye** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If symptoms persist seek medical attention.  
**First Aid Facilities** Normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use CO2, dry chemical or foam.  
**Hazards from Combustion Products** Combustion products may include oxides of carbon, nitrogen, phosphorous and sulphur as well as unidentified organic and inorganic compounds  
**Precautions in connection with Fire** Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion.  
**Unsuitable Extinguishing Media** Straight streams of water.

## 6. ACCIDENTAL RELEASE MEASURES

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**Spills & Disposal** Contain - prevent contamination of drains and waterways. Use absorbent (soil or sand, sawdust, inert material, vermiculite). Collect and seal in properly labelled drums for disposal. Dispose of waste as per Local, State and Federal Land Waste Management Authorities.

**Environmental Precautions** Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Put on appropriate personal protective equipment (see Section 8). Workers should wash hands and face before eating, drinking and smoking. Keep containers tightly closed when not in use. Empty containers retain product residue. Do not reuse container.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area away from sources of ignition, strong oxidizing agents and foodstuffs.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No value assigned for this specific material by the National Occupational Health and Safety Commission (Safe Work Australia).  
National Exposure Standards:  
Oil mist - TWA 5mg/m<sup>3</sup>, STEL 10mg/m<sup>3</sup>

**Engineering Controls** Maintain concentration below recommended exposure limit. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

**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 dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Reference should be made to Australian/New Zealand Standards AS/NZS 1715/1716. Safety glasses, goggles or faceshield as appropriate.

**Eye Protection**

**Hand Protection** PVC, neoprene or nitrile rubber gloves.

**Footwear** Enclosed footwear.

**Body Protection** Overalls or similar protective apparel.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Amber liquid

**Odour** Characteristic

**Boiling Point** >300°C/typical

**Solubility in Water** Insoluble

**Specific Gravity** 0.89 @ 15°C/typical

**Viscosity** Viscosity @ 40°C = 110 cSt/typical  
Viscosity @ 100°C = 15.4 cSt/typical

**Flash Point** >200°C/typical

**Flammability** Combustible

**Flammable Limits - Lower** Not determined

**Flammable Limits - Upper** Not determined

## 10. STABILITY AND REACTIVITY

**Conditions to Avoid** Heat and other sources of ignition.

**Incompatible Materials** Strong oxidizing agents.

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## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Not normally considered to be a hazard due to the non-volatile nature of the product. Inhalation of oil mist/vapour from heated material may cause irritation of the upper respiratory system.
<b>Ingestion</b>	No adverse effects expected if swallowed in small doses. Ingestion of large quantities may cause gastro-intestinal effects.
<b>Skin</b>	Contact with skin may result in irritation.
<b>Eye</b>	May cause slight eye irritation.
<b>Chronic Effects</b>	Prolonged or repeated exposure may result in irritation, with the possibility of dermatitis.
<b>Other Information</b>	Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and environment on disposal. All used oils should be handled with caution and skin contact avoided as far as possible.

## 12. ECOLOGICAL INFORMATION

**Environ. Protection** Do not allow product to enter drains, waterways or sewers.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Considerations** Dispose of waste according to federal, EPA, state and local regulations.

## 14. TRANSPORT INFORMATION

**Transport Information** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG).  
**UN Number (Air Transport, ICAO)** Not regulated for air transport according to International Air Transport Association (IATA) Dangerous Goods Regulations.  
**IMDG UN No** Not regulated for sea transport according to International Maritime Dangerous Goods (IMDG).

## 15. REGULATORY INFORMATION

**Poisons Schedule** Not Scheduled

## 16. OTHER INFORMATION

**Date of preparation or last revision of MSDS** Issue Date: 14/11/2014  
Supersedes Issue Date: Not applicable.  
Reason(s) for issue: First issue.

**Contact Person/Point** This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy.

**Literature References**

- \* NOHSC:2011 National Code of Practice for the Preparation of Material Safety Data Sheets
- \* NOHSC:1008 Approved Criteria for Classifying Hazardous Substances
- \* NOHSC:10005 List of Designated Hazardous Substances
- \* NOHSC:1005 Control of Workplace Hazardous Substances, National Model Regulations
- \* NOHSC:2007 Control of Workplace Hazardous Substances, National Code of Practice

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- \* NOHSC:1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards
- \* NOHSC:3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note
- \* NOHSC:1015 Storage and Handling of Workplace Dangerous Goods, National Standard
- \* NOHSC:2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice
- \* SUSMP, Standard for the Uniform Scheduling of Medicines and Poisons
- \* ADG, Australian Dangerous Goods Code
- \* IMDG Code, International Maritime Dangerous Goods Code
- \* IATA Dangerous Goods Regulations, International Air Transport Association
- \* MSDS of component materials
- ...End Of MSDS...

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