

InfoSafe No™ 5FVLW

Issue Date : August 2019

ISSUED by FUCHS

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
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.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	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 CO ₂ , 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/m³, STEL 10mg/m³

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

PVC, neoprene or nitrile rubber gloves.

Hand Protection

Enclosed footwear.

Footwear

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

Inhalation	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.
Ingestion	No adverse effects expected if swallowed in small doses. Ingestion of large quantities may cause gastro-intestinal effects.
Skin	Contact with skin may result in irritation.
Eye	May cause slight eye irritation.
Chronic Effects	Prolonged or repeated exposure may result in irritation, with the possibility of dermatitis.
Other Information	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.
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13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Dispose of waste according to federal, EPA, state and local regulations.
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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
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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:10005 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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