

Infosafe No™ 5FVKQ	Issue Date : September 2019	ISSUED by FUCHS
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Product Name **JCB TRANSMISSION FLUID EP 10W**

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	JCB TRANSMISSION FLUID EP 10W
Product Code	4552 JCB Product Codes: 4000/2501C, 4000/2505C, 4000/2503C, 4000/2545C
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	Heavy duty transmission and final drive lubricant oil.
Other Information	This SDS 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	<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. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If symptoms develop seek medical attention.
Ingestion	DO NOT induce vomiting. 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 Unsuitable Extinguishing Media	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion. 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 ³ , STEL 10mg/m ³
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.
Eye Protection	Safety glasses, goggles or faceshield as appropriate.
Hand Protection	Impervious gloves, e.g. PVC or nitrile rubber gloves.
Footwear	Enclosed footwear.
Body Protection	Overalls or similar protective apparel.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear brown liquid
Odour	Mild
Boiling Point	>300°C/typical
Solubility in Water	Insoluble
Specific Gravity	0.88 @ 15°C/typical
Vapour Pressure	Not available
Viscosity	Viscosity @ 40°C = 41.7 cSt/typical Viscosity @ 100°C = 6.4 cSt/typical
Pour Point	-30°C
Flash Point	228°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.
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Incompatible Materials Strong oxidizing agents.**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

12. ECOLOGICAL INFORMATION**Environ. Protection** Do not allow material to enter drains or waterways.**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.

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**

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.

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
- * 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



Material Safety Data Sheet

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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

Last Change

Issue Date: 16/09/2014

Supersedes Issue Date: Not applicable

Reason(s) for issue: First issue.

...End Of MSDS...

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