Material Safety Data Sheet

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
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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mineral oil</td>
<td></td>
<td>&gt;60%</td>
</tr>
<tr>
<td></td>
<td>Other ingredients determined not to be hazardous</td>
<td>To 100%</td>
<td></td>
</tr>
</tbody>
</table>
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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.
- Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

### Environmental Precautions
- 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).

### 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.

### 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
- Not determined

### 10. STABILITY AND REACTIVITY

### Conditions to Avoid
- Heat and other sources of ignition.

### Incompatible Materials
- Strong oxidizing agents.
### 11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Inhalation</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>No adverse effects expected if swallowed in small doses. Ingestion of large quantities may cause gastro-intestinal effects.</td>
</tr>
<tr>
<td>Skin</td>
<td>Contact with skin may result in irritation.</td>
</tr>
<tr>
<td>Eye</td>
<td>May cause slight eye irritation.</td>
</tr>
<tr>
<td>Chronic Effects</td>
<td>Prolonged or repeated exposure may result in irritation, with the possibility of dermatitis.</td>
</tr>
<tr>
<td>Other Information</td>
<td>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.</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

- Do not allow product to enter drains, waterways or sewers.

### 13. DISPOSAL CONSIDERATIONS

- Dispose of waste according to federal, EPA, state and local regulations.

### 14. TRANSPORT INFORMATION

- Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG).
- Not regulated for air transport according to International Air Transport Association (IATA) Dangerous Goods Regulations.
- Not regulated for sea transport according to International Maritime Dangerous Goods (IMDG).

### 15. REGULATORY INFORMATION

- Not Scheduled

### 16. OTHER INFORMATION

- Issue Date: 14/11/2014
- Supersedes Issue Date: Not applicable.
- Reason(s) for issue: First issue.

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.

- 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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Not classified as hazardous

* 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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