# Safety Data Sheet

## 1. Identification

<table>
<thead>
<tr>
<th>GHS Product Identifier</th>
<th>JCB OPTIMUM PERFORMANCE GEAR OIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code</td>
<td>4576</td>
</tr>
<tr>
<td>Company Name</td>
<td>JCB Construction Equipment Australia</td>
</tr>
<tr>
<td>Address</td>
<td>13 Yagine Close, Perth Airport WA 6105 Australia</td>
</tr>
<tr>
<td>Telephone/Fax Number</td>
<td>Tel: 1300 522 232</td>
</tr>
<tr>
<td>Emergency phone number</td>
<td>1300 522 232. After Hours: +61 400 229 218.</td>
</tr>
</tbody>
</table>

**Product Name:** JCB OPTIMUM PERFORMANCE GEAR OIL

Not classified as hazardous

### Other Information

This SDS was issued by Fuchs Lubricants (Australasia) Pty. Ltd.

## 2. Hazard Identification

### AUSTRALIA

Not classified as hazardous according to Work, Health and Safety Regulations (WHS), Australia. Not classified as dangerous goods according to the ADG Code.

### NEW ZEALAND


## 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</td>
<td></td>
<td>To 100%</td>
</tr>
</tbody>
</table>

Determined not to be hazardous

## 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. Seek medical attention.

### Skin

Remove contaminated clothing and wash skin thoroughly with soap and water. If symptoms develop seek medical attention.

### Eye contact

Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If symptoms develop seek medical attention.

### First Aid Facilities

Normal washroom facilities.

### Advice to Doctor

Treat symptomatically.

### Most important symptoms/effects, acute and delayed

Refer to section 11.

## 5. Fire-fighting measures

### Suitable extinguishing media

Use CO2, dry chemical or foam.

### Unsuitable Extinguishing Media

Straight streams of water.
JCB OPTIMUM PERFORMANCE GEAR OIL

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**Hazards from Combustion Products**
Combustion products may include oxides of carbon, nitrogen, phosphorous and sulphur as well as unidentified organic and inorganic compounds

**Special Protective Equipment for fire fighters**
Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

**Specific hazards arising from the chemical**
No special hazards arising from the use of the product.

**6. Accidental release measures**
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.

Personal Precautions
- Use suitable protective equipment (Section 8).

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. Take precautionary measures against static discharges. Keep containers tightly closed when not in use. Empty containers retain product residue. Do not reuse container.
- Store in a cool, dry, well-ventilated area away from sources of ignition, strong oxidizing agents and foodstuffs.

**8. Exposure controls/personal protection**
Exposure Controls, Personal Protection

Occupational exposure limit values
- 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
- No biological limits allocated.

Biological Limit Values
- Appropriate 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
  - PVC, neoprene or nitrile rubber gloves.
- Body Protection
  - Overalls or similar protective apparel. Enclosed footwear.

**9. Physical and chemical properties**
Appearance
- Amber liquid

Odour
- Characteristic
JCB OPTIMUM PERFORMANCE GEAR OIL

Not classified as hazardous

Boiling Point: >300°C/typical
Solubility in Water: Insoluble
pH: Not applicable
Vapour Pressure: Not available
Vapour Density: Not available
Pour Point: Not available
Density: 0.896 @ 15°C/typical
Flash Point: >200°C/typical
Flammability: Combustible
Flammable Limits - Lower: Not determined
Flammable Limits - Upper: Not determined
Kinematic Viscosity: 220 cSt @ 40°C/typical
18.9 cSt @ 100°C/typical

10. Stability and reactivity
Reactivity: Reacts with incompatibles.
Chemical Stability: Stable under normal conditions of use and storage.
Conditions to Avoid: Heat and other sources of ignition.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition: Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

11. Toxicological Information
Toxicology Information: No toxicology data available for this product.
Ingestion: No adverse effects expected if swallowed in small doses. Ingestion of large quantities may cause gastro-intestinal effects. Not normally considered to be a hazard due to the non-volatile nature of the product.
Inhalation: Inhalation of oil mist/vapour from heated material may cause irritation of the upper respiratory system.
Skin: Contact with skin may result in irritation. Prolonged or repeated exposure may result in dermatitis.
Eye: May cause slight eye irritation.
Respiratory sensitisation: Not considered to be a respiratory sensitiser.
Skin Sensitisation: Not considered to be a skin sensitiser.
Germ cell mutagenicity: Not considered to be a mutagenic hazard.
Carcinogenicity: Not considered to be a carcinogenic hazard.
Reproductive Toxicity: Not considered to be toxic to reproduction.
STOT-single exposure: Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure: Not expected to cause toxicity to a specific target organ.
Aspiration Hazard: Not considered to be an aspiration hazard.
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...
JCB OPTIMUM PERFORMANCE GEAR OIL

Not classified as hazardous 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

Ecotoxicity
No data is available for this product.

Persistence and degradability
No data is available for this product.

Mobility
No data is available for this product.

Bioaccumulative Potential
No data is available for this product.

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

Sewage Treatment
No data is available for this product.

13. 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 SDS
Issue Date: 27/11/2014
Supersedes Issue Date: Not applicable.
Reason(s) for issue: First issue.

* Safe Work Australia, Code of Practice for Preparation of Safety Data Sheets for Hazardous Chemicals. [December 2011]
* Safe Work Australia – Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations. [April 2012]
* Model Work Health and Safety (WHS) Regulations, 2011
* Guidance on the Interpretation of Workplace Exposure Standards for Airborne Contaminants, 2013
* In conjunction with Safe Work Australia's 'Workplace Exposure Standards for Airborne Contaminants'
* 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
* SDS of component materials

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.
Safety Data Sheet

Infosafe No™️ 5FVM0    Issue Date : August 2019    ISSUED by FUCHS
Product Name JCB OPTIMUM PERFORMANCE GEAR OIL

Not classified as hazardous

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.

...End Of MSDS...