

Infosafe No™ 5FVKL	Issue Date : August 2019	ISSUED by FUCHS
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Product Name **JCB GEAR OIL HP 90**

Not classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	JCB GEAR OIL HP 90
<b>Product Code</b>	4529
<b>Company Name</b>	JCB Product Codes: 4000/0301C, 4000/0305C, 4000/0303C, 4000/0345C JCB Construction Equipment Australia
<b>Address</b>	13 Yagine Close, Perth Airport WA 6105 Australia
<b>Telephone/Fax Number</b>	Tel: 1300 522 232
<b>Emergency phone number</b>	1300 522 232. After Hours: +61 400 229 218.
<b>Recommended use of the chemical and restrictions on use</b>	Supplied as a multigrade hypoid gear oil for use in suitable applications only.
<b>Other Information</b>	This SDS was issued by Fuchs Lubricants (Australasia) Pty. Ltd.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	<p>AUSTRALIA Not classified as hazardous according to Work, Health and Safety Regulations (WHS), Australia. Not classified as dangerous goods according to the ADG Code.</p> <p>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.</p>
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## 3. Composition/information on ingredients

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

## 4. First-aid measures

<b>Inhalation</b>	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 persist seek medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Rinse mouth thoroughly with water. If symptoms develop seek medical attention.
<b>Skin</b>	Remove contaminated clothing and wash skin thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Eye contact</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. If symptoms persist seek medical attention.
<b>First Aid Facilities</b>	Normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Most important symptoms/effects, acute and delayed</b>	Refer to section 11.

## 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use CO2, dry chemical or foam.
<b>Unsuitable Extinguishing Media</b>	Straight streams of water.

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<b>Hazards from Combustion Products</b>	Combustion products may include oxides of carbon, nitrogen and sulfur as well as unidentified organic and inorganic compounds.
<b>Special Protective Equipment for fire fighters</b>	Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
<b>Specific hazards arising from the chemical</b>	No special hazards arising from the use of the product.

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	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.
<b>Personal Precautions</b>	Use suitable protective equipment (Section 8).
<b>Environmental Precautions</b>	Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	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.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry, well-ventilated area away from sources of ignition, strong oxidizing agents and foodstuffs.

## 8. Exposure controls/personal protection

<b>Exposure Controls, Personal Protection</b>	The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.
<b>Occupational exposure limit values</b>	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
<b>Biological Limit Values</b>	No biological limits allocated.
<b>Appropriate engineering controls</b>	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.
<b>Respiratory Protection</b>	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.
<b>Eye Protection</b>	Safety glasses, goggles or faceshield as appropriate.
<b>Hand Protection</b>	Impervious gloves, e.g. nitrile rubber or viton gloves.
<b>Body Protection</b>	Overalls or similar protective apparel. Enclosed footwear.

## 9. Physical and chemical properties

<b>Appearance</b>	Clear amber liquid
<b>Odour</b>	Characteristic

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<b>Boiling Point</b>	>300°C/typical
<b>Solubility in Water</b>	Insoluble
<b>pH</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Pour Point</b>	-27°C
<b>Density</b>	0.89 @ 15°C/typical
<b>Flash Point</b>	220°C/typical
<b>Flammability</b>	Combustible
<b>Flammable Limits - Lower</b>	Not determined
<b>Flammable Limits - Upper</b>	Not determined
<b>Kinematic Viscosity</b>	134 cSt @ 40°C 14.4 cSt @ 100°C

## 10. Stability and reactivity

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

## 11. Toxicological Information

<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Ingestion</b>	No adverse effects expected if swallowed in small doses. Ingestion of large quantities may cause gastro-intestinal effects.
<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>Skin</b>	Contact with skin may result in irritation. Prolonged or repeated skin contact may lead to irritation and dermatitis.
<b>Eye</b>	May cause slight eye irritation.
<b>Respiratory sensitisation</b>	Not considered to be a respiratory sensitiser.
<b>Skin Sensitisation</b>	Not considered to be a skin sensitiser.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Not considered to be a carcinogenic hazard.
<b>Reproductive Toxicity</b>	Not considered to be toxic to reproduction.
<b>STOT-single exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>STOT-repeated exposure</b>	Not expected to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not considered to be an aspiration hazard.

## 12. Ecological information

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<b>Ecotoxicity</b>	No data is available for this product.
<b>Persistence and degradability</b>	No data is available for this product.
<b>Mobility</b>	No data is available for this product.
<b>Bioaccumulative Potential</b>	No data is available for this product.
<b>Environmental Protection</b>	Do not allow product to enter drains, waterways or sewers.
<b>Sewage Treatment</b>	No data is available for this product.

### 13. Disposal considerations

<b>Disposal Considerations</b>	Dispose of waste according to federal, EPA, state and local regulations.
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### 14. Transport information

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

### 15. Regulatory information

<b>Poisons Schedule</b>	Not Scheduled
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### 16. Other Information

<b>Date of preparation or last revision of SDS</b>	Issue Date: 29/08/2014 Supersedes Issue Date: Not applicable. Reason(s) for issue: First issue.
<b>Literature References</b>	<ul style="list-style-type: none"><li>* Safe Work Australia, Code of Practice for Preparation of Safety Data Sheets for Hazardous Chemicals. [December 2011]</li><li>* Safe Work Australia - Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations. [April 2012]</li><li>* Model Work Health and Safety (WHS) Regulations, 2011</li><li>* United Nations - Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third revised edition. [2009]</li><li>* Managing Risks of Hazardous Chemicals in the Workplace, Code of Practice 2012. [Model Code of Practice]</li><li>* Workplace Exposure Standards for Airborne Contaminants, 2011 (Archived). List available online, URL - <a href="http://www.hsis.safeworkaustralia.gov.au/">http://www.hsis.safeworkaustralia.gov.au/</a></li><li>* Guidance on the Interpretation of Workplace Exposure Standards for Airborne Contaminants, 2013</li><li>In conjunction with Safe Work Australia's 'Workplace Exposure Standards for Airborne Contaminants'</li><li>* SUSMP, Standard for the Uniform Scheduling of Medicines and Poisons</li><li>* ADG, Australian Dangerous Goods Code</li><li>* IMDG Code, International Maritime Dangerous Goods Code</li><li>* IATA Dangerous Goods Regulations, International Air Transport Association</li><li>* SDS of component materials</li></ul>
<b>Contact Person/Point</b>	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 Sheet

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