JCB GEAR OIL HP PLUS

Not classified as hazardous

1. Identification

GHS Product Identifier
4528

JCB Product Codes: 4000/2202C, 4000/2205C, 4000/2203C, 4000/2245C

JCB Construction Equipment Australia

13 Yagine Close,
Perth Airport
WA 6105
Australia

Tel: 1300 522 232

1300 522 232. After Hours: +61 400 229 218.

Lubricating oil for tractor transmissions.

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
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</td>
<td></td>
<td>To 100%</td>
</tr>
<tr>
<td></td>
<td>determined not to be hazardous</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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. If symptoms develop 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, alcohol-resistant foam or water spray (fog).

Unsuitable Extinguishing Media
Water jet.
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Hazards from Combustion Products:
Combustion products may include oxides of carbon, nitrogen, phosphorus and sulphur as well as unidentified organic and inorganic compounds.

Specific hazards arising from the chemical:
Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Decomposition Temp. >300°C

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). Avoid contact with skin and eyes.

Environmental Precautions:
Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

7. Handling and storage
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.

Precautions for Safe Handling:
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:
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:
Chemical resistant gloves.

Body Protection:
Overalls or similar protective apparel. Enclosed footwear.

9. Physical and chemical properties
Appearance:
Clear brown liquid

Print Date: 31/10/2019
CS: 1.7.8
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<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour</td>
<td>Hydrocarbon (slight)</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>&gt;300°C</td>
</tr>
<tr>
<td>Melting Point</td>
<td>-30°C</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;300°C</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>pH</td>
<td>7</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Density</td>
<td>0.89</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;200°C (Open cup)</td>
</tr>
<tr>
<td>Flammability</td>
<td>Combustible</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>&gt;300°C</td>
</tr>
<tr>
<td>Flammable Limits - Lower</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammable Limits - Upper</td>
<td>Not determined</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>86 cSt @ 40°C</td>
</tr>
<tr>
<td></td>
<td>10.5 cSt @ 100°C</td>
</tr>
</tbody>
</table>

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 Products: Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

11. Toxicological Information

Toxicology Information
- Ingestion: No adverse effects expected if swallowed in small doses.
- Inhalation: Not normally considered to be a hazard due to the non-volatile nature of the product.
- Skin: Contact with skin may result in irritation. Prolonged or repeated skin contact may cause defatting leading to dermatitis.
- Eye: No harmful effects at appropriate handling and determined usage.
- 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.
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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 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: 26/08/2014
Supersedes Issue Date: Not applicable.
Reason(s) for issue: First issue.

Literature References
* 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
* 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
Safety Data Sheet

Infosafe No™ 5FVKC  Issue Date : August 2019  ISSUED by FUCHS

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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.

...End Of MSDS...