

Page: 1 of 5

Infosafe No™ 5FVLM

Issue Date :October 2019

ISSUED by FUCHS

Product Name JCB HYDRAULIC FLUID EP 46

Not classified as hazardous

1. Identification	
GHS Product	JCB HYDRAULIC FLUID EP 46
Identifier	
Product Code	4591 JCB Product Code: 4002/1605C
Company Name	JCB Construction Equipment Australia
Address	13 Yagine Close, Perth Airport WA 6105 Australia
Telephone/Fax Number	Tel: 1300 522 232
Emergency phone number	1300 522 232. After Hours: +61 400 229 218.
Recommended use of the chemical and restrictions on use	Supplied as a high performance high viscosity index HVLP hydraulic oils for use in suitable applications only.
Other Information	This SDS was issued by Fuchs Lubricants (Australasia) Pty. Ltd.

2. Hazard Identification

GHS classification of the substance/mixture	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. Not classified as dangerous goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

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

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. If material is injected under skin, seek medical attention to prevent serious damage. Do not wait for symptoms to develop.
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. Subcutaneous injection from high-pressure equipment can leave a small, sometimes bloodless, puncture wounds deep into the extremity. Within 24 hours, there is usually extensive swelling, discolouration and intense pain in the affected part. Requires immediate treatment at a surgical emergency centre, otherwise disfigurement of affected part may occur. Treatment of high pressure wounds may include: 1. Surgical decompression, debridement, and drainage. 2. Broad-spectrum antibiotic and 3. Anti-inflammatory medication.



Page: 2 of 5

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Most important Refer to section 11. symptoms/effects, acute and delayed

5. Fire-fighting measures

Suitable	Use CO2, dry chemical or foam.
	use coz, dry chemical of fount.
extinguishing media	
Unsuitable	Straight streams of water.
Extinguishing Media	
Hazards from	Combustion products may include oxides of carbon, nitrogen, phosphorous and
Combustion	sulphur as well as unidentified organic and inorganic compounds
Products	
Special Protective	Fire fighters to wear self-contained breathing apparatus if risk of exposure
Equipment for fire	to vapour or products of combustion.
fighters	
Specific hazards	No special hazards arising from the use of the product.
arising from the	
chemical	
fighters Specific hazards arising from the	

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

 Handling should wash hands and face before eating, drinking and smoking. Take precautionary measures against static discharges. Keep containers tic closed when not in use. Empty containers retain product residue. Do no container. Conditions for safe Store in a cool, dry, well-ventilated area away from sources of ignit: 	kers	
	-	Trancing
<pre>storage, including strong oxidizing agents and foodstuffs. any incompatabilities</pre>	on,	storage, including

8. Exposure controls/personal protection

Exposure Controls, Personal Protection	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.
Occupational	No value assigned for this specific material by the National Occupational
exposure limit values	Health and Safety Commission (Safe Work Australia). National Exposure Standards: Oil mist - TWA 5mg/m3, STEL 10mg/m3
Biological Limit	No biological limits allocated.
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	If engineering controls are not effective in controlling airborne exposure
Protection	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.

JCB

Page:	3 of	5
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Infosafe No ²⁸ SFVLM Issue Date :October 2019 ISSUED by FUCHS Product Name JCB HYDRAULIC FUUD EP 46 Not classified as hazardous Eye Protection Safety glasses, goggles or faceshield as appropriate. Hand Protection PVC, neoprene or nitrile rubber gloves. Body Protection Overalls or sinilar protective apparel. Enclosed footwear. 9. Physical and chemical properties Appearance Clear blue liquid Odour Characteristic Boding Point >300°C/typical Solubility in Water Insoluble pil Not available Vapour Density Not available (Air:1) -37°C/typical Density 0.63 ct 9 fo°C/typical PamabelLimits. Not determined Lower FaamabeLimits. PamabeLimits. Not determined Upper 46 cst 9 40°C/typical 10. Stability af teacts with incompatibles. Stability af teacts with incompatibles. Conditions to Xoid Reacts with incompatibles. Conditions to Xoid React and other sources of ignition. Iccompatible Thermal decomposition may result in the release of toxic and/or irritating faceton monoxide		
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Page: 4 of 5

Infosafe No™ 5FVLM

Issue Date :October 2019

ber 2019 ISSUED by FUCHS

Product Name JCB HYDRAULIC FLUID EP 46

Reproductive	Not considered to be toxic to reproduction.
Toxicity STOT-single	Not expected to cause toxicity to a specific target organ.
exposure STOT-repeated	Not expected to cause toxicity to a specific target organ.
exposure 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.

Not classified as hazardous

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	No data is available for this product.
Potential Environmental	Do not allow product to enter drains, waterways or sewers.
Protection Sewage Treatment	No data is available for this product.

13. Disposal considerations

DisposalDispose of waste according to federal, EPA, state and local regulations.Considerations

14.	Transport information		
			1

Transport	Not classified as Dangerous Goods according to the Australian Code for the		
Information	Transport of Dangerous Goods by Road and Rail (ADG).		
UN Number (Air	Not regulated for air transport according to International Air Transport		
Transport, ICAO)	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: 24/10/2014 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 * United Nations - Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third revised edition. [2009] * Managing Risks of Hazardous Chemicals in the Workplace, Code of Practice 2012. [Model Code of Practice] * Workplace Exposure Standards for Airborne Contaminants, 2011 (Archived). List available online, URL - http://www.hsis.safeworkaustralia.gov.au/ * 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



Page: 5 of 5

Infosafe No™ 5FVLM

Issue Date :October 2019

ISSUED by FUCHS

Product Name JCB HYDRAULIC FLUID EP 46

Not	classified	as	hazardous	
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* IATA Dangerous Goods Regulations, International Air Transport Association * SDS of component materials

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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...

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