



EC-CLP



# Material Safety Data Sheet

gleitmo 591

**Infosafe™** 5FUYH  
**No.**

**Issue Date** September 2013 **Status** ISSUED by  
FUCHS

**BS:**  
1.16.151

**Not classified as hazardous**

SECTION 1: Identification of the  
substance/mixture and of the  
company/undertaking

**1.1. Product  
identifier**

gleitmo 591

**1.2. Relevant  
identified uses  
of the  
substance or  
mixture and  
uses advised  
against**

Lubricating grease

**1.3. Details of  
the supplier of  
the safety data  
sheet: Company  
Name**

Fuchs Lubricants (Australasia) Pty Ltd (ABN 88 005 681 916)

**Address**

49 McINTYRE ROAD SUNSHINE  
VIC 3020

**Telephone/Fax  
Number**

Tel: +61 (0)3 9300 6400  
Fax: +61 (0)3 9300 6401

**1.4. Emergency  
telephone  
number**

1800 638 556 (24hr AUST) 0800 154 166 (24hr NZ)

**Product Code**

2480

**Other Names**

None Listed

**Other  
Information**

Fuchs Lubricants (New Zealand) Limited  
Harbourside Business Park  
485C Rosebank Road  
AVONDALE AUCKLAND 1026  
Phone: +64 9 828 3255  
Fax: +64 9 830 3643

Visit our website: [www.fuchs.com.au](http://www.fuchs.com.au)  
 Orders Freecall (in Australia): 1800 1800 13  
 Orders Freecall (in New Zealand): 0800 382 476

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## SECTION 2: Hazards identification

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**Classification according to Regulation 1272/2008** Australia  
 Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).  
 Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

New Zealand:  
 Not classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.  
 Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

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## SECTION 3: Composition/information on ingredients

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**Composition, information on ingredients** Inorganic thickened sythetic oils with additives

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous		100 %

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## SECTION 4: First aid measures

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**4.1. Description of first aid measures:**

**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

**Eye** If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

**Ingestion** DO NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.

**Advice to Doctor** Treat symptomatically.

**First Aid Facilities** Normal washroom facilities.

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## SECTION 5: Firefighting measures

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- 5.1. Extinguishing Media** Use carbon dioxide, dry chemical, foam, water mist or water spray.
- 5.2. Special hazards arising from the substance or mixture** Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, hydrogen fluoride and carbonyl fluoride.
- Hazardous Combustion Products** Combustible material. This product will readily burn under fire conditions.
- 5.3. Advice for firefighters** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

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## SECTION 6: Accidental release measures

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- 6.1. Personal precautions, protective equipment and emergency procedures** Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

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## SECTION 7: Handling and storage

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- 7.1. Precautions for safe handling** Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
- 7.2. Conditions for safe storage, including any incompatibilities** Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

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## SECTION 8: Exposure controls/personal protection

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- 8.1. Control parameters** No exposure standards have been established for this material. As with all chemicals, exposure should be kept to the lowest possible levels.  
The exposure limits for oil mist are as follows:  
Safe Work, Australia exposure standards:  
Oil mist, ( refined mineral oil) TWA 5 mg/m<sup>3</sup>  
New Zealand Workplace Exposure Standards (OSH):  
Oil mist( mineral oil) TWA 5 mg/m<sup>3</sup> STEL 10 mg/m<sup>3</sup>

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.  
STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

**Biological Limit Values**

No biological limits allocated.

**8.2. Exposure**

**Controls:**

**Appropriate engineering controls**

Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Hand Protection**

Wear gloves of impervious material such as nitrile or PVC gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

**Eye/Face Protection**

Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Body Protection**

Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

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SECTION 9: Physical and chemical properties

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**9.1. Information on basic physical and chemical properties:**

**Appearance** White paste

**Odour** Hardly noticeable

**pH Value** Not available

**Vapour Pressure** Not available

**Boiling Point and boiling range** Not available

**Melting Point** Not available

**Solubility in Water** Insoluble

<b>Specific Gravity (H2O=1)</b>	1.9 @ 20°C/typical
<b>Flash Point</b>	Not available
<b>Flammable Limits - Upper</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammability</b>	Combustible
<b>Auto-Ignition Temperature</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available

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## SECTION 10: Stability and reactivity

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<b>10.2. Chemical stability</b>	Stable under normal conditions of storage and handling.
<b>10.4. Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>10.5. Incompatible materials</b>	Oxidising agents.
<b>10.6. Hazardous decomposition products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, hydrogen fluoride and carbonyl fluoride.
<b>Hazardous Polymerization</b>	Will not occur.

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## SECTION 11: Toxicological information

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<b>11.1. Information on toxicological effects</b>	No toxicity data available for this product.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	May be irritating to skin. The symptoms may include redness, itching and swelling.
<b>Serious eye damage/irritation</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Chronic Effects</b>	Not available

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## SECTION 12: Ecological information

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**12.1. Toxicity** Not available

**12.2. Persistence and degradability** Not available

**12.4. Mobility in soil** Not available

**Environment Protection** Prevent this material entering waterways, drains and sewers.

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## SECTION 13: Disposal considerations

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**13.1. Waste treatment methods** Australia:  
The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.  
New Zealand:  
Product Disposal:  
This product can be disposed through a licensed commercial waste collection service, in accordance with applicable local and national regulations. This product is non-hazardous and therefore the New Zealand HSNO regulations regarding disposal do not apply, however other regulations may apply.  
This product is a non-hazardous, combustible substance; It should be recycled whenever possible or sent to an approved high temperature incineration plant for disposal.  
Container Disposal:  
The product is non-hazardous, therefore, the packaging may be re-used or recycled if it has been treated to remove any residual contents of the substance. Any wash-off water from the container cleaning process should be sent to a suitable waste water treatment plant before discharge into the environment.  
In New Zealand, the packaging (that may or may not contain any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

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## SECTION 14: Transport information

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**IMDG UN No** Not regulated for sea transport according to IMDG Code (2010 Ed.).

**UN Number (Air Transport, IATA)** Not regulated for air transport according to IATA Dangerous Goods Regulations (54th Ed. 2013).

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## SECTION 15: Regulatory information

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**Regulatory Information** Australia:  
Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP). (Exempted)

**National Legislation** New Zealand:  
Not classified as Hazardous according to the New Zealand

Hazardous Substances (Minimum Degrees of Hazard) Regulations  
2001.

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## SECTION 16: Other information'

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### References

- \* 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
- \* 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
- \* MSDS of component materials.

### Further Information

Laboratory Manager (03) 9300 6400  
Research & Development Chemist (03) 9300 6400

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