

Safety Data Sheet

Infosafe No™ LQ2RW Issue Date : November 2013 ISSUED by FALKAUST

Product Name **FALK GMAX 9000 LUBRICANT**

1. Identification

GHS Product Identifier FALK GMAX 9000 LUBRICANT
Company Name FALK AUSTRALIA PTY LTD
Address 44 Broadmeadow Road Broadmeadow
NSW 2292 Australia
Telephone/Fax Number Tel: +61 2 49628000
Fax: +61 2 49628001
Emergency phone number AUS: 1800 638 556 NZ: 0800 154 666 (24hours)
Recommended use of the chemical and restrictions on use Lubricant.
Additional Information Additional Supplier:
REXNORD AUSTRALIA PTY LTD
25 HENRY STREET, PICTON NSW 2571.
PH:+61 2 46773811.
FAX:+61 2 46773812.
Emergency contact: AUS: 1800 638 556 NZ: 0800 154 666 (24hours)

2. Hazard Identification

Classification of the substance or mixture Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Asphalt (Petroleum)	8052-42-4	<=10 %
	Distillates (petroleum), hydrotreated light	64742-47-8	<=10 %
	Distillates (petroleum), hydrotreated middle	64742-46-7	<=10 %
	Ingredients determined not to be hazardous.		Balance

4. First-aid measures

Inhalation If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
Skin Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
First Aid Facilities Eye wash and normal washroom facilities.
Advice to Doctor Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media CO, Dry Foam.
Unsuitable Extinguishing Media Do not use water jet.
Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes and gases including oxides of carbon, nitrogen, sulfur and trace amounts of hydrogen sulphide are potential combustion products.

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Specific hazards arising from the chemical Combustible. This product will readily burn under fire conditions.

Decomposition Temp. Not available

Precautions in connection with Fire 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. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. 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.

7. Handling and storage

Precautions for Safe Handling Avoid inhalation of vapours and mists, and skin or eye contact. 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. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

Storage Regulations Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition.

Storage Temperatures Minimum storage temperature is -1.11°C. Store above 10°C, if possible for better pumpability.

8. Exposure controls/personal protection

Occupational exposure limit values Safe Work, Australia Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Asphalt (petroleum) fumes	-	5	-	-

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.

Appropriate engineering controls Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres -

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Respiratory Protection	Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements. 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.
Eye 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.
Hand Protection	Wear gloves of impervious material. Impervious to oil is recommended. 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.
Body Protection	Suitable protective workwear should be worn when working with this material, e.g. cotton overalls buttoned at neck and wrist.

9. Physical and chemical properties

Appearance	Black viscous fluid
Odour	Petroleum odour
Decomposition Temperature	Not available
Melting Point	Not available
Boiling Point	>170°C
Solubility in Water	Negligible in water
Specific Gravity	0.95-0.97
pH	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	5000 cSt (40°C)
Partition Coefficient: n-octanol/water	Not available
Flash Point	>121°C (Cleveland Open Cup)
Flammability	Not flammable
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. Stability and reactivity

Reactivity	Reacts with incompatibles.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Heat, flames and other sources of ignition.
Incompatible Materials	Strong oxidizing agents.

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Hazardous Decomposition Products Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including oxides of carbon, nitrogen, sulfur and trace amounts of hydrogen sulphide are potential combustion products.
Hazardous Polymerization Will not occur.

11. Toxicological Information

Toxicology Information Toxicity data is listed below:
Acute Toxicity - Oral LD50 (Rat): >2000 mg/kg (Practically non-toxic)
Acute Toxicity - Dermal LD50 (Rabbit): >2000 mg/kg (Practically non-toxic)
Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhalation Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Skin Skin contact may cause irritation resulting in redness and itching.
Eye May be irritating to eyes. The symptoms may include redness, itching and tearing.
Respiratory sensitisation Not expected to be a respiratory sensitiser.
Skin Sensitisation Not expected to be a skin sensitiser.
Germ cell mutagenicity Not considered to be a mutagenic hazard.
Carcinogenicity Not considered to be a carcinogenic hazard. Ingredients in this product are not considered carcinogenic.
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 expected to be an aspiration hazard.
Serious eye damage/irritation Rabbits: Practically non-irritating. (draize score: 0 or greater but 6 or less). ---Based on similar products and/or components.
Skin corrosion/irritation Rabbits: Practically non-irritating. (Primary irritation index: 0.5 or less). ---Based on similar products and/or components.

12. Ecological information

Ecotoxicity No data is available for this material. However, oil spills can smother and suffocate aquatic life by preventing passage of oxygen into water. Oil contamination can also foul and smother birds and marine animals.
Persistence and degradability Not available
Mobility Not available
Bioaccumulative Potential Not available
Environmental Protection Prevent this material entering waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations Dispose of waste according to applicable local and national regulations.

14. Transport information

Transport Information Road and Rail Transport (ADG Code):
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

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Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
No

IMDG Marine pollutant

15. Regulatory information

Regulatory Information	Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule	Not Scheduled
AICS (Australia)	The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

16. Other Information

Date of preparation or last revision of SDS SDS Created: November 2013

Literature References Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants, Safe work Australia.
American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.
...End Of MSDS...

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