



GHS

Material Safety Data Sheet

RENOLIT POLIPLEX 2

Infosafe™ 5FUGP **Issue Date** February 2014 **Status** ISSUED by **BS:**
No. FUCHS 1.16.144

Not classified as hazardous

1. Identification

GHS Product Identifier RENOLIT POLIPLEX 2

Product Code 1812

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

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

Recommended use of the chemical and restrictions on use Supplied as a heavy duty, water resistant lubricating grease for use in suitable applications only.

Other Names Not Available

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
 Orders Freecall (in Australia): 1800 1800 13
 Orders Freecall (in New Zealand): 0800 382 476

2. Hazard Identification

Classification of the substance or mixture GHS CLASSIFICATION OF THE SUBSTANCE MIXTURE:
 AUSTRALIA
 Not classified as hazardous according to the Globally Harmonised System (GHS) of classification and labelling chemicals, including Work, Health and Safety regulations, Australia.
 Classified as dangerous goods according to the ADG Code.

NEW ZEALAND
 Classified as hazardous according to the Hazardous Substance (Minimum Degree of Hazard) regulations 2001.
 Classified as dangerous goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

GHS CLASSIFICATION:
 Chronic Aquatic Toxicity Category 2

Signal Word (s) -

Hazard Statement (s) H411 Toxic to aquatic life with long lasting effects.

Pictogram (s) Environment



Precautionary statement - Prevention P273 Avoid release to the environment.

Precautionary statement - Response P391 Collect spillage.

Precautionary statement - Storage -

Precautionary statement - Disposal P501 Dispose of contents/container according to federal, EPA, state and local regulations.

Other Information Risk Phrase(s):
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 Safety Phrase(s):
 S29 Do not empty into drains.
 S60 This material and its container must be disposed of as hazardous waste.
 S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

NEW ZEALAND EPA

HSNO Classification: 9.1B

Group Standard: Lubricants, Lubricant Additives, Coolants and
Anti-freeze Agents (Subsidiary Hazard) Group Standard 2006

HSNO Approval Number: HSR002606

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Mineral oil		<85%
	Zinc oxide	1314-13-2	<5%

4. First-aid measures

Inhalation	Remove victim from exposure - avoid becoming a casualty. If symptoms persist seek medical attention.
Ingestion	DO NOT induce vomiting. Dilute stomach contents with two glasses of milk or water. Do NOT give anything by mouth to an unconscious person. If symptoms persist seek medical attention.
Skin	Remove contaminated clothing and wash skin thoroughly with soap and water. If symptoms persist 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 persist seek medical attention.
First Aid Facilities	Normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Most important symptoms/effects, acute and delayed	No symptoms known so far.

5. Fire-fighting measures

Suitable extinguishing media	Use CO2, dry chemical or foam.
Unsuitable Extinguishing Media	Do NOT apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

Hazards from Combustion Products	Combustion products may include oxides of carbon and zinc as well as unidentified organic and inorganic compounds.
Special Protective Equipment for fire fighters	Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
Specific hazards arising from the chemical	No special hazards arising from the use of the product.
Hazchem Code	•3Z

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

Precautions for Safe Handling 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. Excessive heating may create an ignition source sufficient to start a fire and in extreme cases, cause an explosion.

Conditions for safe storage, including any incompatibilities 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 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,

Protection	Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.
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/m ³ , STEL 10mg/m ³ Zinc oxide (fume) TWA 10mg/m ³
Biological Limit Values	No biological limit allocated.
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 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	butyl or nitrile rubber gloves.
Body Protection	Overalls or similar protective apparel. Enclosed footwear.

9. Physical and chemical properties

Appearance	Cream coloured paste
Odour	Mild petroleum
Boiling Point	Not available.
Solubility in Water	Insoluble.
pH	Not available.
Vapour Pressure	Not available.
Vapour Density (Air=1)	Not available.
Pour Point	Not available.

Density	0.95
Flash Point	204.44°C/typical
Flammability	Combustible.
Flammable Limits	
- Lower	Not determined.
Flammable Limits	
- Upper	Not determined.
Kinematic Viscosity	Not available.

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 products are dependent on combustion conditions. A complex mixture of airborne solid, liquid, particulates and gasses may evolve when the material burns.

11. Toxicological Information

Toxicology Information	No toxicology data available for this product.
Ingestion	No adverse effects expected if swallowed in small doses. Ingestion of large quantities may cause gastro-intestinal effects.
Inhalation	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.
Skin	No harmful effects at appropriate handling and determined usage.
Eye	No harmful effects at appropriate handling and determined usage.
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.
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.
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.
Environment Protection	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow product to enter drains, waterways or sewers.
Sewage Treatment	No data is available for this product.

13. Disposal considerations

Disposal Considerations	Dispose of waste according to federal, EPA, state and local regulations.
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14. Transport information

U.N. Number	3082
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UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (contains zinc oxide)

Transport hazard class(es) 9

Hazchem Code •3Z

Packing Group III

EPG Number 9C1

IERG Number 47

UN Number (Air Transport, ICAO) 3082

IATA/ICAO Packing Group III

IATA/ICAO Hazard Class 9

IATA/ICAO Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains zinc oxide)

IMDG UN No 3082

IMDG Description ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains zinc oxide)

IMDG Hazard Class 9

IMDG Pack. Group III

Other Information AUSTRALIAN SPECIAL PROVISIONS
 AU01: Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code (ADG 07) when transported by road or rail in;
 (a) packagings that do not incorporate a receptacle exceeding 500 kg(L); or
 (b) IBCs.
 [Australian Code for Transport of Dangerous Goods by Road & Rail, 7th Ed.]

15. Regulatory information

Poisons Schedule Not Scheduled

Hazard Category Dangerous for the environment

16. Other Information

Date of preparation or last revision of SDS

Issue Date: 19/02/2014.
Supersedes Issue Date: August 2009.
Reason(s) for issue: Review.

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
- * ADG, Australian Dangerous Goods Code
- * IMDG Code, International Maritime Dangerous Goods Code
- * IATA Dangerous Goods Regulations, International Air Transport Association
- * SDS of component materials.

Contact Person/Point

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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.

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