

SAFETY DATA SHEET

Section 1: Identification

GHS Product Identifier

Red Rubber Grease

Company Name

Oil Intel Limited

Address

56 Whakatu Rd
Whakatu
Hastings, 4172
New Zealand

Telephone/Fax Number

Tel: 06 871 5325

Fax: 06 870 4890

Emergency Telephone Number

The National Poisons Centre
0800 764 766

Recommended Use of the Chemical and Restrictions on Use

Rubber compatible grease.

Section 2: Hazard(s) Identification

Classification of the substance/mixture

Not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulation 2001

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Castor Oil		8001-79-4	>80-100 %
Ingredients determined not to be hazardous			Balance

Section 4: First-Aid Measures

Inhalation

If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin

Medical advice must be obtained urgently if product under high pressure has been injected through the skin.

Note: High Pressure Applications Injections through the skin resulting from contact with the product at high pressure constitute a major medical emergency. Injuries may not appear serious at first but within a few hours tissue becomes swollen, discoloured and extremely painful with extensive subcutaneous necrosis. Surgical exploration should be undertaken without delay.

Thorough and extensive debridement of the wound and underlying tissue is necessary to minimize tissue loss and prevent or limit permanent damage. Note that high pressure may force the product considerable distances along tissue planes.

Eye Contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.

First Aid Facilities

Eyewash and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, water mist or water spray.

Hazards from Combustion Products

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

Specific Hazards Arising from the Chemical

This product will readily burn under fire conditions.

Decomposition Temperature

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 protected from entering drains and watercourses.

Section 6: Accidental Release Measures

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.

Section 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 pressurize, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene by 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, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in or near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

Section 8: Exposure Controls/Personal Protection

Occupational Exposure Limit Values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values

No biological limits allocated.

Appropriate Engineering Controls

Provide sufficient ventilation to keep airborne levels below the exposure limits or as low as possible. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is adequate, a flameproof exhaust ventilation system is required. Refer to relevant regulations for further information concerning ventilation requirements.

Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. 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, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection to vary according to individual circumstances. Eye protection devices should conform to relevant regulations. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 – Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances, i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to Australian/New Zealand Standard AS/NZS 2161.1 – Occupational Protective Gloves – Selection, Use and Maintenance.

Body Protection

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

Section 9: Physical and Chemical Properties

Form

Grease

Appearance

Smooth red grease

Colour

Red

Odour

Castor oil odour

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

Not available

Solubility in Water

Insoluble

Density

0.90 g/ml (15°C)(Typical)

pH

Not applicable

Vapour Pressure

Not available

Vapour Density (Air=1)

Not available

Evaporation Rate

Not available

Odour Threshold

Not available

Viscosity

Not available

Partition Coefficient: n-octanol/water

Not available

Dropping Point

>260°C (Typical)

Flash Point

>200°C (ASTM D93)(Typical)

Flammability

Not flammable

Auto-Ignition Temperature

Not available

Flammable Limits – Lower

Not available

Flammable Limits – Upper

Not available

Other Information

Unworked Penetration: 280 (Typical)

Section 10: Stability and Reactivity

Chemical Stability

Stable under normal conditions of storage and handling.

Reactivity and Stability

Reacts with incompatible materials.

Conditions to Avoid

Heat, open flames and other sources of ignition.

Incompatible Materials

Strong oxidising agents.

Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: oxides of nitrogen, carbon dioxide and carbon monoxide.

Possibility of Hazardous Reactions

Not available

Hazardous Polymerisation

Not available

Section 11: Toxicological Information**Toxicology Information**

No toxicity data available for this product. Data from testing of similar products and/or components is given below.

Acute Toxicity – Oral

LD50 (rat): >2,000 mg/kg (OECD Guideline 420 or similar)

Acute Toxicity – Inhalation

LC50 (rat): >5000 mg/m³ (OECD Guideline 403 or similar)

Acute Toxicity – Dermal

LD50 (rabbit): > 2,000 mg/kg

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

May be irritating to skin. The symptoms may include redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.

This product is not expected to exhibit Dermal Corrosivity/Irritation according to OECD Test 404, based on the available data and the known hazards of the components.

Eye

May be irritating to eyes. The symptoms may include redness, itching and tearing.
This product is not expected to exhibit Eye Irritation or Serious Damage/Corrosivity according to OECD Test 405, based on the available data and the known hazards of the components.

Respiratory Sensitisation

Not expected to be a respiratory sensitizer.

Skin Sensitisation

Not expected to be a skin sensitizer.

This product is not expected to be a skin sensitizer according to OECD Test 406, based on the available data and the known hazards of the components.

Germ Cell Mutagenicity

Not considered to be a mutagenic hazard.

This product is not expected to be a mutagenic according to tests such as OECD Tests 471, 475, 476, 478 and 479, based on the available data and the known hazards of the components.

Carcinogenicity

Not considered to be a carcinogenic hazard.

This product is not expected to be a carcinogen according to OECD Test 451, based on the available data and the known hazards of the components.

Reproductive Toxicity

Not considered to be toxic to reproduction.

This product is not expected to be a reproductive hazard according to tests such as OECD Test 414 and 421, based on the available data and the known hazards of the components.

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.

This product is not expected to cause organ damage from prolonged or repeated exposure according to tests such as OECD Test 410 and 412, based on the available data and the known hazards of the components.

Aspiration Hazard

Not expected to be an aspiration hazard.

Section 12: Ecological Information

Ecotoxicity

No ecological data available for this material. The product is expected to have low acute ecotoxicity based on the available data and the known hazards of the components and similar products.

Persistence and Degradability

Based on the available data and the known hazards of the components and similar products the product is not expected to be readily biodegradable. Major constituents are expected to be inherently biodegradable, however the product contains components that may persist in the environment.

Mobility

This product is a semi-solid under normal environmental conditions and will float on water. If it comes into contact with soil, it is expected to absorb to soil particles and will therefore not be mobile.

Bioaccumulative Potential

Not available

Other Adverse Effects

Based on the available data and the known hazards of the components and similar products the product is not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential. The product is a mixture of non-volatile components, which are not expected to be released to the air in any significant amounts.

Environmental Protection

Do not allow this material entering waterways, drains and sewers.

Section 13: Disposal Considerations

Disposal Considerations

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

Section 14: Transport Information

Road and Rail Transport

Not regulated for transport.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number

None allocated

UN Proper Shipping Name

None allocated

Transport Hazard Class(es)

None allocated

Special Precautions for User

Not available

IMDG Marine Pollutant

No

Transport in Bulk

Not available

Section 15: Regulatory Information**Regulatory Information**

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO).

New Zealand HSNO Approval Code or Group Standard

HSR002605, Lubricants (Low Hazard)

Section 16: Other Information**Issuing Date**

07-09-2020

END OF SDS