

## EUROL GREASE CS-2/103-S

Infosafe No.: LQATP  
ISSUED Date : 01/10/2021  
ISSUED by: Imaginables Pty Ltd

### Section 1 - Identification

**Product Identifier**

EUROL GREASE CS-2/103-S

**Company Product Codes / Numbers / Unique Identifiers**

S005109

**Company Name**

Imaginables Pty Ltd (ABN 69 165 939 186)

**Address**

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Tel: (03) 9111 0104

**Emergency Phone Number**

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**E-mail Address**

sales@imaginables.com.au

**Recommended use of the chemical and restrictions on use**

Lubricant

**Other Information**

Although the content of this SDS is presented in good faith and is believed to be correct as of the date of this SDS, Imaginables Pty Ltd does not warrant its completeness or accuracy and accepts no responsibility for any error or omission. Information is supplied on the condition that the persons receiving and using it will make their own determination as to its suitability for their purpose prior to use. To the maximum extent permitted by law, Imaginables Pty Ltd excludes all liability, including for negligence, for any loss incurred or damage suffered resulting from the use or reliance on the content of this SDS.

### Section 2 - Hazard(s) Identification

**GHS classification of the substance/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)

### Section 3 - Composition and Information on Ingredients

**Ingredients**

Name	CAS	Proportion
5,5'-dithiodi-1,3,4-thiadiazole-2(3H)-thione	72676-55-2	0.1-<1 %
Ingredients determined not to be hazardous		Balance

### **Information on Composition**

The base oil contains less than 3% DMSO-extract measured according IP 346, therefore it is NOT classified as carcinogen - May cause cancer" (Note L)"

## **Section 4 - First Aid Measures**

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### **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**

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

### **Eye**

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.

### **Other Information**

For advice in an emergency, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once.

## **Section 5 - Firefighting Measures**

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### **Suitable Extinguishing Media**

Carbon dioxide, dry chemical, water fog or 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 metal oxides, phosphorus oxides, sulphur oxides, Hydrogen sulfide, carbon monoxide, carbon dioxide and oxides of nitrogen.

### **Specific hazards arising from the chemical**

This product will burn if exposed to fire.

### **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 prevented from entering drains and watercourses.

## **Section 6 - Accidental Release Measures**

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### **Emergency Procedures**

Spillage can be slippery.

For small spills, clean with absorbent materials such as paper towels. Dispose of absorbent material in general waste. Wash contact areas thoroughly after handling.

Industrial application: 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

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### 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 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, foodstuffs, clothing and incompatible materials such as oxidising agents and strong acids. Keep containers closed when not in use, securely sealed and protected against physical damage. Keep only in original container. 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. Ensure that storage conditions comply with applicable local and national regulations.

Maximum storage period: 5 years

### Storage Temperatures

$\leq 40\text{ }^{\circ}\text{C}$

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

No exposure standards have been established for this material, however, the TWA exposure standards for refined mineral oil mist is  $5\text{ mg/m}^3$ . As with all chemicals, exposure should be kept to the lowest possible levels.

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.

Source: Safe Work Australia

### Biological Monitoring

No biological limit allocated.

### Control Banding

Not available

### Engineering Controls

Specific controls not required due to the small product size of 10 mL. Refer to Section 7 for proper storage and handling.

Industrial application: 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 inadequate, a flameproof exhaust ventilation system is required. Refer to relevant regulations for further information concerning ventilation requirements.

### Respiratory Protection

Not required for general handling of 10 mL tubes.

Industrial application: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Reference should be made to Australian 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 and Face Protection

Not required for general handling of 10 mL. Avoid contact to eyes.

Industrial application: Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will 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 (series) - Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material such as PVC gloves; Neoprene or nitrile rubber gloves. 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 AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

#### Thermal Hazards

No further relevant information available.

#### Body Protection

Industrial application: 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

Properties	Description	Properties	Description
Form	Paste	Appearance	Paste
Colour	Brown	Odour	Characteristic
Melting/Freezing Point	Not available	Boiling Point	Not available
Decomposition Temperature	Not available	Solubility in Water	Insoluble in water.
Specific Gravity	Not available	pH	Not available
Vapour Pressure	<0.1 hPa (20 °C)	Relative Vapour Density (Air=1)	> 1
Evaporation Rate	< 0.1 (butyl acetate = 1) - Relative evaporation rate	Odour Threshold	Not available
Viscosity	>7mm <sup>2</sup> /s (40°C)	Volatile Component	VOC : 0%
Partition Coefficient: n-octanol/water (log value)	Log Pow > 3	Density	Not available
Flash Point	Not available	Flammability	Not flammable
Auto-Ignition Temperature	Not available	Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available	Explosion Properties	Not available

#### Other Information

Gas/vapour heavier than air at 20 °C

## Section 10 - Stability and Reactivity

#### Chemical Stability

Stable under normal conditions of storage and handling.

#### Possibility of hazardous reactions

No known hazardous reactions.

#### Conditions to Avoid

Heat, open flames and other sources of ignition. Moisture.

#### Incompatible Materials

Strong oxidising agents. Strong acids.

#### Hazardous Decomposition Products

This product may emit toxic and/or irritating fumes and gases including metal oxides, phosphorus oxides, sulphur oxides, Hydrogen sulfide, carbon monoxide, carbon dioxide and oxides of nitrogen.

#### Reactivity and Stability

Reacts with incompatible materials.

#### Hazardous Polymerization

Not available

## Section 11 - Toxicological Information

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### **Toxicology Information**

No toxicity data available for this material.

### **Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

### **Inhalation**

Inhalation of mists/vapors may irritate the respiratory system.

### **Skin**

May be irritating to skin. The symptoms may include redness, itching and swelling.

### **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.

### **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.

## Section 12 - Ecological Information

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### **Ecotoxicity**

No ecological data available for this material. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

### **Persistence and degradability**

Not readily biodegradable.

### **Mobility**

Not miscible with water. Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water. If it enters soil, it will adsorb to soil particles and will not be mobile.

### **Bioaccumulative Potential**

This product is not expected to bioaccumulate through food chains in the environment.

Log Pow > 3

### **Other Adverse Effects**

Not available

### **Environmental Protection**

Industrial application: Prevent this material entering waterways, drains and sewers.

### **Hazardous to the Ozone Layer**

This product is not expected to deplete the ozone layer.

## Section 13 - Disposal Considerations

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### Disposal Considerations

Dispose of waste according to applicable local and national regulations. To minimise personal exposure to the chemical, refer to Section 8 — Exposure controls and personal protection.

## Section 14 - Transport Information

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### 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).

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.

### ADG U.N. Number

None Allocated

### ADG Proper Shipping Name

None Allocated

### ADG Transport Hazard Class

None Allocated

### Special Precautions for User

Not available

### IMDG Marine pollutant

No

### Transport in Bulk

Not available

## Section 15 - Regulatory Information

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### 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). (exempted)

### Poisons Schedule

Not Scheduled

### Australian Inventory of Industrial Chemicals (AIIC)

All components of this product are listed on the Inventory or exempted.

### Montreal Protocol

Not listed

### Stockholm Convention

Not listed

### Rotterdam Convention

Not listed

### International Convention for the Prevention of Pollution from Ships (MARPOL)

Not available

## **Agricultural and Veterinary Chemicals Act 1994**

Not available

## **Basel Convention**

Not available

## **Section 16 - Any Other Relevant Information**

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### **Date of Preparation**

SDS creation: October 2021

### **Version Number**

1.0

### **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.

Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Code of Practice for Supply Diversion into Illicit Drug Manufacture.

National Code of Practice for Chemicals of Security Concern.

Agricultural Compounds and Veterinary Chemicals Act.

International Agency for Research on Cancer (IARC) Monographs.

Montreal Protocol on Substances that Deplete the Ozone Layer.

Stockholm Convention on Persistent Organic Pollutants (POPs).

Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.

Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal.

International Air Transport Association (IATA) Dangerous Goods Regulations.

International Maritime Dangerous Goods (IMDG) Code.

Workplace exposure standards for airborne contaminants.

Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of Classification and Labelling of Chemicals.

Code of Practice: Managing Noise and Preventing Hearing Loss at Work.

## **END OF SDS**

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