



# SAFETY DATA SHEET

## ILS CHAIN OIL MEDIUM

Issued Date: 24/07/20

Issued by: Industrial Lubricants & Services Ltd

### 1. IDENTIFICATION

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**GHS Product Identifier**

ILS CHAIN OIL MEDIUM

**Company Name**

Industrial Lubricants & Services Ltd

**Address**

PO Box 259 347, Botany, Manukau 2163  
Auckland, New Zealand

**Telephone/Fax Number**

Tel: 0800 10 40 11

Fax: 0800 10 40 15

**Emergency phone number**

New Zealand National Poison Centre  
0800 764 766

ILS Technical Helpline 0800 10 40 17

**E-mail Address**

[orders@ils.co.nz](mailto:orders@ils.co.nz)

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

Lubricant

### 2. HAZARD IDENTIFICATION

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**GHS classification of the substance/mixture**

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.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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**Substance/mixture**                      Substance – Hydrocarbon solvent

#### Ingredients

Name	CAS	Proportion
Paraffinic oils	Proprietary	60 – 100%
Naphthenic oils	Mixture	10 – 30%
Aromatic oils	Mixture	0 – 10%
Ingredients determined not to be hazardous		Balance

### 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

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. 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

Treatment should in general be symptomatic and directed to relieving any effects.

#### Other Information

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (0800 764 766)

### 5. FIRE-FIGHTING MEASURES

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#### Suitable Extinguishing Media

Use dry chemical, CO<sub>2</sub> or foam.

#### 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

Combustible liquid. This product will burn if exposed to fire. Product containers may rupture when exposed to heat under fire conditions.

#### Precautions in connection with Fire

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Fire-fighters' protective clothing will only provide limited protection. Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## 6. ACCIDENTAL RELEASE MEASURES

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### 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

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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. 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 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.

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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### **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 inadequate, a flameproof exhaust ventilation system is required. Refer to relevant regulations for further information concerning ventilation requirements.

### Individual protection measures

#### **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 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. 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

### 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.

### Respiratory protection

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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Properties	Description	Properties	Description
Form	Liquid	Appearance	Liquid
Colour	Not Available	Odour	Not Available
Decomposition Temp	Not Available	Melting Point	Not Available
Boiling Point	Not Available	Solubility in Water	Not Available
pH	Not Available	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	Density	0.88
Flash Point	>200°C (ASTM D93)	Flammability	Combustible
Auto-ignition Temp	Not Available	Flammable Limits - Lower	
Flammable Limits - Upper	Not Available		

## 10. STABILITY AND REACTIVITY

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### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

Heat, direct sun light, open flames and other sources of ignition.

**Incompatible materials**

Reactive or incompatible with the following materials: oxidising materials.

**Hazardous Decomposition Products**

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

**Possibility of hazardous reactions**

Not Available

**Hazardous Polymerization**

Will not occur

**11. TOXICOLOGICAL INFORMATION**

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**Toxicological Information**

No toxicity data available for this material.

**Symptoms related to the physical, chemical and toxicological characteristics**

<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 contact</b>	May be irritating to skin. The symptoms may include redness, itching and swelling.
<b>Eye contact</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing

**Potential chronic health effects****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**

No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

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### Ecotoxicity

No ecotoxicity data available for this material.

### Persistence and degradability

Not available

### Bioaccumulative potential

Not available

### Mobility

Not available

### Other Adverse Effects

Not available.

### Environmental Protection

Prevent this material entering waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

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### Disposal considerations

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

#### Product Disposal:

This product can be disposed through a licensed commercial waste collection service. 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.

## 14. TRANSPORT INFORMATION

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Regulatory information	UN number	Proper shipping name	Classes	Packing Group	Label	Additional information
New Zealand Class	Not regulated	-	-	-	-	-
ADG Class	Not regulated	-	-	-	-	-
IATA Class	Not regulated	-	-	-	-	-
IMDG Class	Not regulated	-	-	-	-	-

## 15. REGULATORY INFORMATION

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Not classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

## 16. OTHER INFORMATION

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### **Date of preparation or last revision of SDS**

SOS reviewed: July 2020

Supersedes: Not available

### **Notice to reader**

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from ILS LTD

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**END OF SDS**