



# SAFETY DATA SHEET

## ILS DRAWFORM

Issued Date: 27/08/19

Issued by: Industrial Lubricants & Services Ltd

### 1. IDENTIFICATION

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**GHS Product Identifier**

ILS DRAWFORM

**Company Name**

Industrial Lubricants & Services Ltd

**Address**

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Auckland, New Zealand

**Telephone/Fax Number**

Tel: 0800 10 40 11

Fax: 0800 10 40 15

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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**

Concentrate used for various metal working applications

### 2. HAZARD IDENTIFICATION

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**GHS classification of the substance/mixture**

This material is not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001.

This material is not classified as DANGEROUS GOODS according to criteria in New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

H316 Causes mild skin irritation.

H318 Causes serious eye damage.

**Precautionary statement - Prevention**

P102 Keep out of reach of children.

P103 Read label before use.

**Precautionary statement - Response**

P101 If medical advice is needed, have product container or label at hand.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTRE or doctor.

P332 + P313 In skin irritation occurs: Get medical advice.

**Precautionary statement - Storage**

P403+P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up..

**Precautionary statement - Disposal**

Dispose of contents and container in accordance with all local, regional, national and international regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance/mixture**

Mixture

**Ingredients**

Name	CAS	Proportion
Paraffin /hydrocarbon waxes, chloro	63449-39-8	40 – 50%
Sulphonic acids, petroleum, sodium salts	68608-26-4	1 – 10%
Other ingredients (do not affect the overall hazardous classifications for the mixture)	Proprietary	45 – 55%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

**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 and lips with water. Where vomiting occurs naturally have affected person place head below hip level in order to reduce risk of aspiration. Seek immediate medical attention.

**Skin**

Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

**Eye contact**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Check for and remove any

contact lenses. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention.

### **First Aid Facilities**

Eye wash, safety shower and normal washroom facilities.

### **Advice to Doctor**

Treat symptomatically. Avoid gastric lavage: risk of aspiration of product to lungs with the potential to cause chemical pneumonitis.

### **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**

Halon, dry chemical, foam, CO<sub>2</sub> and water mist or fog. Water fog may be used to cool below flash point. (> 93 degC)

### **Hazards from Combustion Products**

Keep away from heat, sparks, open flames and hot surfaces. In case of fire, avoid breathing smoke or Fumes

### **Precautions in connection with Fire**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

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-ex posed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

## **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.

### **Methods and material for containment and cleaning up**

#### **Small spill**

Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### **Large spill**

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to

local regulations (see Section 13). Contaminated absorbent material may pose the same hazard as the spilled product. Dispose of via a licensed waste disposal contractor.

## 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, 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 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. Reference should also be made to all applicable local and national regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

A Workplace Exposure Standard (WES) have been set for a component similar to those present in this substance.

	WES-TWA
Paraffin wax fume (CAS No 8002-74-2).	2 mg m <sup>3</sup>

### Appropriate Engineering Controls

This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements.

Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NIS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

### Individual protection measures

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### 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.

### 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. 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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Properties	Description	Properties	Description
Form	Liquid	Auto-Ignition temperature	Not Known
Colour	Clear dark brown /black	Odour	Petroleum like
pH	Not available	Solubility in Water	Insoluble in water
Flash Point	> 93 °C (ASTM D-93)	Density	1.07 - 1.08 g/cm <sup>3</sup> @ 20 °C

## 10. STABILITY AND REACTIVITY

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### Chemical Stability

Stable under normal conditions of storage and handling.

### Conditions to Avoid

Heat, flames, sparks and other ignition sources.

### Incompatible materials

Reactive or incompatible with the following materials: oxidising materials.

### Hazardous Decomposition Products

Not known

### Possibility of hazardous reactions

Not available

### Hazardous Polymerization

Under normal conditions of storage and use, hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

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### Information on likely routes of exposure

- Ingestion** - No specific effects identified
- Inhalation** - Aerosols/mists may be irritating to nose, throat and upper respiratory tract
- Skin** - Mildly irritating to skin. Prolonged or repeated exposure to product may result in defatting and drying of skin.
- Eye** - May be severely irritating to eyes. Risk of permanent damage if immediate first aid action is not taken.

### **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.

Mineral oils, highly- refined are listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

### **Reproductive Toxicity**

Not considered to be toxic to reproduction.

## 12. ECOLOGICAL INFORMATION

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### **Ecotoxicity**

No specific information available on product.

### **Persistence and degradability**

No specific information available on product.

### **Bioaccumulative potential**

Not available.

### **Mobility**

Insoluble

### **Environmental Protection**

Do not discharge this material into waterways, drains and sewers.

## 13. DISPOSAL CONSIDERATIONS

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### **Disposal considerations**

Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. In

this specific case the product is a combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal.

Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed. Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.

In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

Container Disposal:

The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.

Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.

In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by house holders 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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**Not Classified as Dangerous Goods for all transport December 1 2017**

#### **15. REGULATORY INFORMATION**

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**HSNO Approval Number**

HSR002606

**HSNO Group Standard**

Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Group Standard: Solvents (Combustible) Group Standard 2006.

#### **16. OTHER INFORMATION**

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

SOS reviewed: August 2019

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**