INDUSTRIAL LUBRICANTS & SERVICES LIMITED

SAFETY DATA SHEET

ILS SPRAYCUT

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9 pages

SECTION 1. IDENTIFICATION

Product Identifier ILS SPRAYCUT

Company Name Industrial Lubricants & Services Ltd

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

Telephone
Tel: 0800 10 40 11

ILS Technical Helpline
0800 10 40 17

Emergency phone number
New Zealand National Poison Centre 0800 764 766

Recommended use of the chemical and restrictions on use
Neat Metalworking Fluid

SECTION 2. HAZARD IDENTIFICATION

GHS/HSNO 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.

This material is not classified as DANGEROUS GOODS according to criteria in New Zealand Standard 5433:2020 Transport of Dangerous Goods on Land.

Classification of the hazardous chemical

Physical hazards Not classified.
Health hazards May cause mild skin irritation

Environmental hazards	Not harmful to aquatic organisms in the range of the substances water solubility

Label elements, including precautionary statements

Hazard symbol(s)	Not Applicable
Signal word	No Signal Word
Hazard statement(s)	Not Applicable

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

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.

SECTION 4. FIRST AID MEASURES

Keep water and mild soap near work site. For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (0800 764 766)

Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Do NOT induce vomiting. Wash out mouth and lips thoroughly with water. If symptoms develop seek medical attention. Never give anything by mouth to an unconscious person.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If irritation or rash develops seek medical attention.
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 immediately.
First Aid Facilities	Eye wash, safety shower and normal washroom facilities.
Advice to Doctor	Treatment should in general be symptomatic and directed to relieving any effects.

Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training.

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

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable	In case of fire, use carbon dioxide, dry chemical, foam, water spray or water fog.
Not suitable	Do not use water jet.
Specific hazards arising from the chemical	Product is not readily combustible under normal conditions. Product containers may rupture when exposed to heat in a fire.
Hazardous combustion products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide
Hazchem code	Not available.
Special precautions for fire- fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Accidental Release Controls

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Floors may be slippery; use care to avoid falling. Put on appropriate personal protective equipment (see Section 8).

Emergency Procedures

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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 spilt product. Dispose of via a licensed waste disposal contractor.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Wear appropriate protective equipment to prevent skin and eye exposure. Avoid heat and sources of ignition. Keep containers closed when not in use. Use in a well ventilated area. Avoid breathing in spray, mists or vapours. When dealing with this product, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Do NOT pressurize, cut, heat or weld containers as they may contain hazardous residues.

Not suitable

Prolonged exposure to elevated temperature

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure limits

No exposure standards have been established for this specific material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. Contains no substances with occupational exposure limit values.

Biological Limit Values

No biological limits allocated.

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits. All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information contact your national organisation for standards. The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal

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.

Eye protection

Always use safety glasses or a face shield when handling this product.

Hand protection

Wear protective gloves if prolonged or repeated contact is likely. Wear chemical resistant gloves. Recommended: Nitrile gloves. The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

Skin Protection

Use of protective clothing is good industrial practice. Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable organic vapour/mist filter should be used. 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Test Method	Properties
Description	Liquid	Appearance
Odour	Clear, colourless	Odour
Decomposition temperature (°C)	NA	Melting Point
Boiling Point (°C)	NA	Solubility with Water (% w/w)
Specific Gravity	0.81	pH
Vapour Pressure @ 20°C (kPa)	0.001	Vapour Density @ 20°C (kPa)
Evaporation Rate	Evaporation rate (nBuAc=1): <1	Odour Threshold
Viscosity @ 25°C (cSt) **Viscosity @ 40°C (cSt)**	NA NA	Volatile Component
Partition Coefficient: n-octanol/water	Not Available	Density @ 15°C
Flash Point COC (°C)	>100	Flammability
Auto Ignition Temp (°C)	220	Flammable Limits - Lower
Flammable Limits - Upper	4.7%	Other Solubility

SECTION 10. STABILITY AND REACTIVITY

Chemical stability
Stable at room temperature and pressure

Conditions to Avoid
Heat, open flames and other sources of ignition.

Incompatible materials
Strong oxidising agents.

Hazardous Decomposition Products
Carbon monoxide, carbon dioxide, and other organic complexes on incomplete burning or oxidation

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

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

SECTION 11. TOXICOLOGICAL INFORMATION

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	No specific data
Ingestion	No specific data
Skin contact	This product may be mildly irritating to the skin with prolonged exposure. It may result in dryness and cracking.
Eye contact	No specific data

Potential chronic health effects

General	No known significant effects or critical hazards.
Inhalation	Inhalation of product vapours, particularly at elevated temperatures, may irritate the respiratory system. Low volatility of the product makes inhalation unlikely at ambient temperatures.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and diarrhea.
Skin contact	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/ or dermatitis.
Eye contact	Not hazardous based on component data but potential risk of transient stinging or redness if accidental eye contact occurs
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Chronic effects	Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment. Occasional major emissions or frequently recurring minor emissions may have a harmful or disturbing effect.

Persistence and degradability

Readily biodegradable

Bioaccumulative potential

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

Mobility

Non Volatile Liquid – Insoluble in water

Soil/water partition coefficient (KOC)

Not available.

Other ecological information

Do not discharge the product into soil, drains, sewers or waterways.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Do NOT pressurize, cut, heat or weld empty containers as they may contain hazardous residues.

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14. TRANSPORT INFORMATION

Road & Rail Transport		Marine Transport		Air Transport	
UN No.	N/R	UN No.	N/R	UN No.	N/R
Proper Shipping Name	N/A	Proper Shipping Name	N/A	Proper Shipping Name	N/A
DG Class	N/R	DG Class	N/R	DG Class	N/R
Sub Risk	None	Sub Risk	None	Sub Risk	None
Pack Group	N/R	Pack Group	N/R	Pack Group	N/R
Hazchem	N/R	Hazchem	N/R	Hazchem	N/R

Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.

SECTION 15. REGULATORY INFORMATION

New Zealand Regulatory Information

HSNO Approval Number	None assigned.
HSNO Group Standard	None assigned.
HSNO Classification	None assigned.

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

SECTION 16. OTHER INFORMATION

Date of preparation or last revision of SDS
SDS created: April 2017
SDS revised: September 2022

References
Workplace Exposure Standards and Biological Exposure Indices.
Transport of Dangerous goods on land NZS 5433:2020
Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06). Assigning a hazardous substance to a group standard.
American Conference of Industrial Hygienists (ACGIH)

END OF SDS