SAFETY DATA SHEET

Section 1 - Identification

Product identifier **Husqvarna Chain Oil**

Other means of identification

Product code 579 39 60-01 (1L), 579 39 61-01 (5L), 579 39 62-01 (20L), 579 39 63-01 (200L)

Recommended use of the chemical and restrictions on use

Recommended use Lubrication of saw chains.

Restrictions on use All other uses.

Details of manufacturer or importer

Supplier Husqvarna Australia Pty Ltd
Address 4 Pioneer Avenue, Tuggerah NSW 2252
Country Australia
Telephone +61 2 4352 7400
Contact person Jason Bezzina
E-mail jason.bezzina@husqvarnagroup.com
Emergency Contact Poisons Information Centre; phone 13 12 26

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

Physical hazards Not classified.

Health hazards Not classified.

Label elements, including precautionary statements

Hazard symbol(s) None.

Signal word None.

Hazard statement(s) The mixture does not meet the criteria for classification.

Precautionary statement(s)

Prevention Not assigned.

Response Not assigned.

Storage Not assigned.

Disposal Not assigned.

Supplemental information None.

Other hazards which do not result in classification None known.

Section 3 - Composition and information on ingredients

Mixture

Composition comments Mineral oil with additives. The mineral oils in the product contain <3% DMSO extract (IP 346).

The components are not hazardous or are below required disclosure limits.

Section 4 - First aid measures

Description of necessary first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Symptoms caused by exposure	Direct contact with eyes may cause temporary irritation.
Medical attention and special treatment	Treat symptomatically.

Section 5 - Firefighting measures

Extinguishing media

Suitable extinguishing equipment	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing equipment	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Hazchem code	None.
General fire hazards	No unusual fire or explosion hazards noted.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Do not touch or walk through spilled material.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
Methods and materials for containment and cleaning up	The product is immiscible with water and will spread on the water surface. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Section 7 - Handling and storage

Precautions for safe handling	Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

Section 8 - Exposure controls and personal protection

Control parameters Follow standard monitoring procedures.

Occupational exposure limits

US. ACGIH Threshold Limit Values (TLV)

Product	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Inhalable fraction.

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated

Product	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Respirable fraction.

Biological limit values No biological exposure limits noted for the ingredient(s).

Control banding Not established.

Engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Glove material: Nitrile rubber. Use gloves with breakthrough time of >480 minutes. Minimum glove thickness 0.4 mm.

Other Wear suitable protective clothing.

Respiratory protection In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and chemical properties

Physical state Liquid.

Form Liquid.

Colour Brown.

Odour Characteristic.

Odour threshold Not determined.

pH Material is non soluble in water.

Melting point/freezing point Not determined.

Boiling point and boiling range Not determined.

Flash point ≥ 190 °C (≥ 374 °F)

Evaporation rate Not determined.

Upper/lower explosive limits

Explosion limit - lower (%) 0.4

Explosion limit - upper (%) 4.5

Vapour pressure < 0.1 hPa (20 °C (68 °F))

Vapour density Not determined.

Relative density Not determined.

Solubility

Solubility (water) Insoluble in water.

Flammability (solid, gas) Not applicable.

Partition coefficient: n-octanol/water Not determined.

Auto-ignition temperature Not determined.

Decomposition temperature Not determined.

Viscosity 100 mm²/s ASTM D7042 (40 °C (104 °F))

Particle characteristics Not available.

Data relevant with regard to physical hazard classes	No relevant additional information available.

Other physical and chemical parameters

Density	0.88 g/cm³ EN ISO 12185 (15 °C (59 °F))
Pour point	≤ -21 °C (≤ -5.8 °F) ASTM D7346

Section 10 - Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	No hazardous decomposition products are known.

Section 11 - Toxicological information

Information on possible routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Early onset symptoms related to exposure	Direct contact with eyes may cause temporary irritation.
Delayed health effects from exposure	Prolonged exposure may cause chronic effects.

Acute toxicity

Product	**Species**	**Test Results**
Husqvarna Chain Oil (CAS Mixture)		
Acute		
Dermal		
ATE		> 2000 mg/l (Calculated)
Inhalation		
Vapour		
ATE		> 20 mg/l (Calculated)
Mist		
ATE		> 5 mg/l (Calculated)
Oral		
ATE		> 2000 mg/kg (Calculated)

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/irritation	Direct contact with eyes may cause temporary irritation.
Respiratory or skin sensitisation	
Respiratory sensitisation	Not a respiratory sensitiser.
Skin sensitisation	This product is not expected to cause skin sensitisation.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not classifiable as to carcinogenicity to humans.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged and repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

Section 12 - Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	The product is expected to be biodegradable.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	Oil spills are generally hazardous to the environment.

Section 13 - Disposal considerations

Disposal methods	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Residual waste	Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 - Transport information

ADG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

Section 15 - Regulatory information

Safety, health and environmental regulations

National regulations

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

The components of this product are listed, or are exempt from listing, on the Australian Inventory of Industrial Chemicals (AIIC)

High Volume Industrial Chemicals (HVIC)

Not listed.

Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10, as amended)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Not listed.

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

International regulations

Stockholm Convention

Not listed.

Rotterdam Convention

Not listed.

Kyoto Protocol

Not listed.

Montreal Protocol

Not listed.

Basel Convention

Not listed.

Section 16 - Any other relevant information

Issue date	14-March-2018
Revision date	28-November-2025
Key abbreviations or acronyms used	ADG: Australian Dangerous Goods. IATA: International Air Transport Association. IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk. IMDG Code: International Maritime Dangerous Goods Code. MARPOL: International Convention for the Prevention of Pollution from Ships. RID: Regulations concerning the International Carriage of Dangerous Goods by Rail. TWA : Time Weighed Average Value.
References	ECHA: European Chemical Agency. IARC Monographs. Overall Evaluation of Carcinogenicity
Disclaimer	Husqvarna cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.