SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation of the mixture	Husqvarna Grease Bearing & Husqvarna Grease Gun
Registration number	-
Synonyms	None.
Product code	595 01 17-01 (60 ml), 535 56 00-01 (100g)
Issue date	26-January-2022
Version number	02
Revision date	09-December-2025
Supersedes date	26-January-2022

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Lubricating grease.
Uses advised against	All other uses.

1.3. Details of the supplier of the safety data sheet

Company name	Husqvarna UK Ltd Preston Road, Aycliffe Industrial Park Newton Aycliffe, County Durham, DL5 6UP
Telephone	+46 (0)36-14 65 00
Contact person	Accessory Department
E-mail	sds.info@husqvarnagroup.com
1.4. Emergency telephone number	+1-760-476-3961 (Access code 333721)
General emergency	112 or 999 SDS/Product information may not be available for the Emergency Service.
Non-emergency medical helpline	111 SDS/Product information may not be available for the Emergency Service.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms	None.
Signal word	None.
Hazard statements	The mixture does not meet the criteria for classification.

Precautionary statements

Prevention	Not assigned.
Response	Not assigned.
Storage	Not assigned.
Disposal	Not assigned.
Supplemental information on the label	EUH208 - Contains Polysulphides, di-tert-dodecyl. May produce an allergic reaction. EUH210 - Safety data sheet available on request.

2.3. Other hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Dilithium adipate	2.5 - <5.0	18621-94-8 242-449-7	01-2120116611-70	-	
Classification: Acute Tox. 4;H302					
Polysulphides, di-tert-dodecyl	0.3 - <1.0	68425-15-0 270-335-7	01-2119540516-41	-	
Classification: Skin Sens. 1B;H317					
Reaction products of boric acid and lithium hydroxide	0.3 - <1.0	- 701-475-3	01-2120772309-47	-	
Classification: Acute Tox. 4;H302, Eye Dam. 1;H318, Repr. 2;H361					

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

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of 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.

4.2. Most important symptoms and effects, both acute and delayed Exposure may cause temporary irritation, redness, or discomfort.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO_2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Special fire fighting procedures Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Wear appropriate personal protective equipment.

For emergency responders	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
6.2. Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	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.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Store away from incompatible materials (see section 10 of the SDS).
7.3. Specific end use(s)	Observe industrial sector guidance on best practices.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Recommended monitoring procedures	Follow standard monitoring procedures.

Derived no effect levels (DNELs)

General population

Components	Value	Assessment factor	Notes
Dilithium adipate (CAS 18621-94-8)			
Long-term, Systemic, Dermal	0.625 mg/kg bw/day	200	Repeated dose toxicity
Long-term, Systemic, Oral	0.625 mg/kg bw/day	200	
Reaction products of boric acid and lithium hydroxide (CAS -)			
Long-term, Systemic, Dermal	0.83 mg/kg bw/day	60	developmental toxicity / teratogenicity
Long-term, Systemic, Inhalation	1.74 mg/m3	25	developmental toxicity / teratogenicity
Long-term, Systemic, Oral	0.83 mg/kg bw/day	60	developmental toxicity / teratogenicity

Workers

Components	Value	Assessment factor	Notes
Dilithium adipate (CAS 18621-94-8)			
Long-term, Systemic, Dermal	1.25 mg/kg bw/day	100	Repeated dose toxicity
Long-term, Systemic, Inhalation	8.82 mg/m3	25	
Reaction products of boric acid and lithium hydroxide (CAS -)			
Long-term, Systemic, Dermal	1.67 mg/kg bw/day	30	developmental toxicity / teratogenicity
Long-term, Systemic, Inhalation	7.1 mg/m3	12.5	developmental toxicity / teratogenicity

Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
Dilithium adipate (CAS 18621-94-8)			
Freshwater	0.023 mg/l	1000	
Marine water	0.002 mg/l	10000	
Polysulphides, di-tert-dodecyl (CAS 68425-15-0)			
Secondary poisoning	66.7 mg/kg	300	Oral
Sediment (freshwater)	3.85 mg/kg	100	
Sediment (marine water)	0.385 mg/kg	1000	
STP	1 g/l	10	

Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
Reaction products of boric acid and lithium hydroxide (CAS -)			
STP	44 mg/l	10	

8.2. Exposure controls

Appropriate engineering controls Good general ventilation 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

General information Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection Wear safety glasses with side shields (or goggles). Eye protection should meet standard EN 166.

Skin protection

- Hand protection Wear suitable gloves tested to EN374. Glove material: Nitrile rubber. Use gloves with breakthrough time of > 480 min minutes. Minimum glove thickness 0.4 mm mm.

- Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

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.

Environmental exposure controls Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state Liquid.

Form Paste.

Colour Blue.

Odour Characteristic.

Odour threshold Not determined.

pH Material is non soluble in water.

Melting point/freezing point Not determined.

Initial boiling point and boiling range Not determined.

Flash point > 220 °C (> 428 °F) (DIN EN ISO 2592)

Evaporation rate Not determined.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Explosive limit - lower (%) Not determined.

Explosive limit – upper (%) Not determined.

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

Vapour density Not determined.

Relative density Not determined.

Solubility(ies)

Solubility (water) Insoluble in water.

Partition coefficient (n-octanol/water) Not determined.

Auto-ignition temperature Not determined.

Decomposition temperature	Not determined.
Viscosity	4.5 mPa·s DIN 51810 . (25 °C (77 °F))
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information

Density	0.91 g/cm3

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation	When heated, the vapours/fumes given off may cause respiratory tract irritation.
Skin contact	May cause an allergic skin reaction. Prolonged skin contact may cause temporary irritation.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms	Exposure may cause temporary irritation, redness, or discomfort.

11.1. Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Product	**Species**	**Test Results**
Husqvarna Grease Bearing & Husqvarna Grease Gun		
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)

Components	**Species**	**Test Results**
Dilithium adipate (CAS 18621-94-8)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg
Oral		
LD50	Rat	300 - 2000 mg/kg
Polysulphides, di-tert-dodecyl (CAS 68425-15-0)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg OECD 402
Oral		
LD50	Rat	>= 2500 mg/kg

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation. Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitisation	Based on available data, the classification criteria are not met.
Skin sensitisation	Based on available data, the classification criteria are not met. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.

IARC Monographs. Overall Evaluation of Carcinogenicity

Highly refined mineral oil (CAS -) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
Mixture versus substance information	No information available.
Other information	Prolonged or repeated contact with used grease may cause serious skin diseases, such as dermatitis.

SECTION 12: Ecological information

12.1. Toxicity 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.

Components		**Species**	**Test Results**
Dilithium adipate (CAS 18621-94-8)			
Aquatic			
Acute			
Algae	EC50	Pseudokirchneriella subcapitata	> 23 mg/l, 72 hours
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 hours
Fish	LC50	Cyprinus carpio	> 100 mg/l, 96 hours
Reaction products of boric acid and lithium hydroxide (CAS -)			
Aquatic			
Acute			
Algae	ErC50	Raphidocelis subcapitata	> 100 mg/l, 72 hours (Read-across)
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 hours (Read-across)
Fish	LC50	Cyprinus carpio	> 100 mg/l, 96 hours (Read-across)

12.2. Persistence and degradability Dilithium adipate: Readily biodegradable.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Polysulphides, di-tert-dodecyl (CAS 68425-15-0) > 12

Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6. Other adverse effects	No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Dispose of 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.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

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

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Retained direct EU regulations

Regulation (EU) No. 2024/590 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered

Not listed.

Other regulations

This product is classified and labelled in accordance with the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain. This Safety Data Sheet is compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

Follow the requirements of the Control of Substances Hazardous to Health Regulations 2002 [SI 2002/2677], as amended, when using this material.

15.2. Chemical safety assessment	No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
MARPOL: International Convention for the Prevention of Pollution from Ships.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
vPvB: Very persistent and very bioaccumulative.
EC50: Effective Concentration, 50%.
LC50: Lethal Concentration, 50%.
LD50: Lethal Dose, 50%.

References	ECHA registered substances database IARC Monographs. Overall Evaluation of Carcinogenicity
Information on evaluation method leading to the classification of mixture	The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.
Full text of any statements, which are not written out in full under sections 2 to 15	H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H361 Suspected of damaging fertility or the unborn child.
This SDS contains revisions in the following section(s):	2, 3, 8, 9, 11, 12, 15
Training information	Follow training instructions when handling this material.
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.