



Safety Data Sheet
 according to Regulation (EC) No. 1907/2006 (REACH)
Lithium Grease

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

1.1. Product identifier

Trade name: Lithium Grease

ref: SGPG02

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

Identified Use(s)

Uses Advised Against

1.3. Details of the supplier of the safety data sheet

Company Identification

Silverhook Ltd.
 Unit 14 Bates Road,
 Harold Wood, London, England
 RM3 0JH
 Tel.: +44 (0) 1708330500
 Fax.: +44 (0) 1708330504
 Email: 522@silverhook.co.uk
 Responsible person email: 522@silverhook.co.uk

1.4 Emergency telephone number

+44(0)1708330500 (during office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance mixture

Classification according to Directive 67/584EEC

Not Classified

Not Classified

Classification according to directive 1272/2008 (GHS/CLP)

Not Classified

2.2. Label Elements

Hazard pictograms N/a
 Signal word N/a
 Hazard statement N/a
 Precautionary statements
 Prevention. N/a
 Response. N/a
 Storage. N/a
 Disposal N/a
 Substance meets the criteria for PBT according to Regulation (EC) No. 1207/2006, Annex XIII No
 Substance meets the criteria for vPvB according to Regulation (EC) No. 1207/2006, Annex XIII No

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Not Classified. Blend of blend oils with multifunctional additives

HAZARDOUS INGREDIENTS :

Ingredients	CAS	Reach	Classification	
			67/548/EEC	Regulation (EC) No 1272/2008 CLP
Zinc Dialkyldithiophosphate >1.5%	68649-42-3	N/a	Xi , N: R36, R51/5	

The Mineral oil contains less than 3 % DMSO extract as measured by IP 346.



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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

EYE CONTACT Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

SKIN CONTACT Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately.

INGESTION Do not induce vomiting. Obtain medical attention

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing Media

Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media..

5.2. Special hazards arising from the substance or mixture

This product may give rise to hazardous fumes in a fire.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Refer to section 8 for personal protection details.

SPILLAGES:

Transfer into suitable containers for recovery or disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the substance

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2. Exposure controls

PROTECTIVE EQUIPMENT:

Hand protection
Eye protection
Body protection
Respiratory protection



PVC Gloves



Wear approved safety goggles

Normal work wear

Not normally required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State:	Smooth grease
Colour:	Brown
Odour:	Odourless
Melting point (°C):	Melts above 150
Flash point (PMCC) (°C):	Exceed 200
Solubility in water (kg/m ³):	Insoluble
Density (kg/m ³):	0.82-0.85 (measured as kg/litre)
Auto-flammability (°C)	Above 200



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9.2 Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not available

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Not available

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition product(s)

Combustion will generate: smoke, carbon dioxide and carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Low order of acute toxicity

SECTION 12: ECOLOGICAL INFORMATION

Mobility:

Non-volatile. The product is poorly absorbed onto soils or sediments

Persistence & degradability

Only slightly biodegradable

Bio-accumulation

Product is not expected to bio-accumulate

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

SECTION 14: TRANSPORT INFORMATION

UN CLASS: Not classified

ADR/RID – CLASS: Not classified

IMDG – CLASS: Not classified

IATA – CLASS: Not classified

SECTION 15: REGULATORY INFORMATION

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

Hazard symbols: No significant hazard

R phrases: None

S phrases: None

SECTION 16: OTHER INFORMATION

Product use: For industrial use. Lubricant

Date of preparation 10/11/2020

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of the user.