



**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](mailto: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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## Lithium Grease

### 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

PVC Gloves

Eye protection

Wear approved safety goggles

Body protection

Normal work wear

Respiratory protection

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 <sup>3</sup> ):	Insoluble
Density (kg/m <sup>3</sup> ):	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.