



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

LAST REV. DATE : 10/11/19

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME**

**PRODUCT NAME:** Lithium Grease ref:SGPG01  
**COMPANY NAME:** Silverhook Ltd  
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Harold Wood, London, England  
RM3 0JH  
Tel.: +44 (0)1708 330500  
Fax.: +44 (0)1708330504  
Email: 522@silverhook.co.uk  
Responsible person email : [522@silverhook.co.uk](mailto:522@silverhook.co.uk)

**EMERGENCY TELEPHONE:**

+44 (0) 1708330500 (during office hours)

**2. HAZARDS IDENTIFICATION**

**Classification of the substance mixture** Not Classified  
**Classification according to Directive 67/584EEC** Not Classified  
**Classification according to directive 1272/2008 (GHS/CLP)** Not Classified

**Label Requirements**  
**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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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.

**4. FIRST AID MEASURES**



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**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

### 5. FIRE FIGHTING MEASURES

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

**EXPOSURE HAZARDS:** This product may give rise to hazardous fumes in a fire.

**PROTECTION FOR FIRE-FIGHTERS:** Wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Refer to section 8 for personal protection details.

**SPILLAGES:** Transfer into suitable containers for recovery or disposal.

### 7. HANDLING AND STORAGE

**HANDLING:** Avoid direct contact with the substance.

**STORAGE:** Store in cool well ventilated area

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**HAND PROTECTION** PVC Gloves

**EYE PROTECTION:** Wear approved safety goggles

**BODY PROTECTION:** Normal work wear

**RESPIRATORY PROTECTION:** Not normally required

### 9. 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/M3):** Insoluble.

**DENSITY (KG/M3):** 0.82-0.85 (Measured as kg/litre)

**AUTO-FLAMMABILITY (°C):** Above 200.

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Heat.

**MATERIALS TO AVOID:** Strong oxidising agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion will generate: smoke, carbon dioxide and carbon monoxide

### 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY** Low order of acute toxicity.



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**12. ECOLOGICAL INFORMATION**

|   |   |
|---|---|
| <b>MOBILITY:</b>                        | Non volatile. The product is poorly absorbed onto soils or sediments. |
| <b>PERSISTENCE &amp; DEGRADABILITY:</b> | Only slightly biodegradable.  |
| <b>BIO-ACCUMULATION:</b>                | Product is not expected to bio-accumulate.                            |

**13. DISPOSAL RECOMMENDATIONS**

|                          |  |
|--------------------------|--|
| <b>PRODUCT DISPOSAL:</b> | Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations. |
|--------------------------|--|

**14. TRANSPORT INFORMATION**

|                         |                 |
|-------------------------|-----------------|
| <b>UN CLASS:</b>        | Not classified. |
| <b>ADR/RID – CLASS:</b> | Not classified. |
| <b>IMDG – CLASS:</b>    | Not classified. |
| <b>IATA – CLASS:</b>    | Not classified. |

**15. REGULATORY INFORMATION**

|                        |                        |
|------------------------|------------------------|
| <b>HAZARD SYMBOLS:</b> | No significant hazard. |
| <b>R PHRASES:</b>      | NONE.                  |
| <b>S PHRASES:</b>      | NONE.                  |

**16. OTHER INFORMATION**

|                     |                                |
|---------------------|--------------------------------|
| <b>PRODUCT USE:</b> | For industrial use. Lubricant. |
|---------------------|--------------------------------|

**Disclaimer**

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.