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

1.1. Product identifier

Trade name: LGLS 2

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

Recommended uses: Lubricant

1.3. Details of the supplier of the safety data sheet

Supplier

Company: SKF MAINTENANCE PRODUCTS
Address: P.O. Box 2350
Zip code: 3430 DT
City: Nieuwegein
Country: NETHERLANDS
E-mail: sebastien.david@skf.com
Phone: +31 306307200
Homepage: www.skf.com

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

Most serious harmful effects: May cause slight irritation to the skin and eyes.

2.2. Label elements

Supplemental information
EUH210 Safety data sheet available on request.

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS No</th>
<th>EC No</th>
<th>REACH Reg. No.</th>
<th>Concentration</th>
<th>Notes</th>
<th>CLP-classification</th>
</tr>
</thead>
</table>
## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:** Seek fresh air. Seek medical advice in case of persistent discomfort.

**Ingestion:** Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.

**Skin contact:** Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

**Eye contact:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

**General:** When obtaining medical advice, show the safety data sheet or label.

### 4.2. Most important symptoms and effects, both acute and delayed

May cause slight irritation to the skin and eyes.

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

Treat symptoms. No special immediate treatment required.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:** Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Not flammable, but combustible. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

### 5.3. Advice for fire-fighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:** Provide good ventilation. Wear gloves. Wear safety goggles if there is a risk of eye splash.
For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions
Prevent spillage from entering drains and/or surface water.

6.3. Methods and material for containment and cleaning up
Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections
See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
The product should be used under well-ventilated conditions and preferably under process ventilation. Avoid contact with skin and eyes. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities
The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Do not store with the following: Strong oxidisers. Store in a dry, cool, well-ventilated area. Store at temperatures below 45°C.

7.3. Specific end use(s)
None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure limit: Contains no substances subject to reporting requirements


8.2. Exposure controls
Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166.

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves: Type of material: PVC/ Nitrile rubber/ Neoprene rubber. Breakthrough time has not been determined for the product. Change gloves often. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value/unit</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>Paste</td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Odour</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Solubility</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>pH (solution for use)</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>pH (concentrate)</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Flammability limits</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>&lt; 1 g/cm³</td>
<td>(25 °C)</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data</td>
<td></td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data</td>
<td></td>
</tr>
</tbody>
</table>

9.2 Other information

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong oxidisers.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

10.5. Incompatible materials

Strong oxidisers.
10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts, cas-no 85940-28-9

<table>
<thead>
<tr>
<th>Organism</th>
<th>Test Type</th>
<th>Exposure time</th>
<th>Value</th>
<th>Conclusion</th>
<th>Test method</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LD50</td>
<td></td>
<td>4487mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. Ingestion of large quantities may cause discomfort.

Acute toxicity - dermal
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts, cas-no 85940-28-9

<table>
<thead>
<tr>
<th>Organism</th>
<th>Test Type</th>
<th>Exposure time</th>
<th>Value</th>
<th>Conclusion</th>
<th>Test method</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LD50</td>
<td></td>
<td>3295mg/kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation: The product does not have to be classified. Test data are not available. Can be irritating after prolonged skin contact.

Serious eye damage/eye irritation: The product does not have to be classified. Test data are not available. Temporary irritation.

Respiratory sensitisation or skin sensitisation: The product does not have to be classified. Test data are not available.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Carcinogenic properties: The product does not have to be classified. Test data are not available.

Reproductive toxicity: The product does not have to be classified. Test data are not available.

Single STOT exposure: The product does not have to be classified. Test data are not available.

Repeated STOT exposure: The product does not have to be classified. Test data are not available.

Aspiration hazard: The product does not have to be classified. Test data are not available.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity
Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts, cas-no
85940-28-9

Organism | Species | Exposure time | Test Type | Value | Conclusion | Test method | Source |
---|---|---|---|---|---|---|---|
Fish | Cyprinodon variegatus | 96hLC50 | 2.2mg/l | The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Test data are not available.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

12.6. Other adverse effects

German water pollution classification (WGK): 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements. Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

Category of waste: EWC code: Depends on line of business and use, for instance 13 02 08* other engine, gear and lubricating oils

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

SECTION 14: Transport information

14.1. UN-No.: Not applicable. 14.4. Packing group: Not applicable.
14.2. UN proper shipping name: Not applicable. 14.5. Environmental hazards: Not applicable.
14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.
SECTION 15: Regulatory information

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

Special Provisions: None.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

<table>
<thead>
<tr>
<th>Version</th>
<th>Revision date</th>
<th>Responsible</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1.0</td>
<td>26/06/2019</td>
<td>Bureau Veritas HSE/ SRU</td>
<td>1-16</td>
</tr>
</tbody>
</table>

Abbreviations:
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: Very Persistent and Very Bioaccumulative
- STOT: Specific Target Organ Toxicity

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with 1907/2006/EC (REACH) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components.

List of relevant H-statements

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

Document language: GB