

# Safety Data Sheet

## LGHP 2

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

#### 1.1. Product identifier

Trade name: LGHP 2

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

Recommended uses: Lubricant Lubricating grease

For Chemical Emergency  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300  
1 703-527-3887 (collect calls accepted)

Location:  
CHEMTREC  
2900 Fairview Park Drive  
Falls Church VA 22042-4513  
USA

#### 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

+31 30 6307200

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

HazCom 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. Degreases the skin. Long-term exposure may cause irritation and possible infection.

#### 2.2. Label elements

The product shall not be classified as hazardous according to the classification and

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labeling rules for substance and mixtures.

### 2.3. Other hazards

None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Contains no substances subject to reporting requirements

**Ingredient comments:** The mineral oils in the product contain <3% DMSO extract(IP 346).

## 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 persistent 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:** Bring the safety data sheet or label when seeking medical advice.

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

May cause slight irritation to the skin and eyes. Degreases the skin. Long-term exposure may cause irritation and possible infection.

### 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 or water mist. Use water or water mist to cool non-ignited stock.

**Unsuitable extinguishing media:** Do not use a jet of water, 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 vapor and smoke gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

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### SECTION 6: Accidental release measures

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

**For non-emergency personnel:** Wear safety goggles if there is a risk of eye splash. Wear gloves. Stay upwind/keep distance from source. Stop leak if this can be done without risk. Keep unnecessary personnel away.

**For emergency responders:** In addition to the above: Normal protective clothing 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 spills using 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. Keep in tightly closed original packaging. Do not store with the following: Oxidisers. Do not expose to heat (e.g. sunlight). Store in a dry, cool, well-ventilated area.

#### 7.3. Specific end use(s)

None.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limit

Substance name	Time period	ppm	mg/m3	fiber/cm3	Remarks	Notations
Oil mist	OSHA		5		Oil mist, mineral oil	
Oil mist	ACGIH TWA		5		Pure, highly and severely refined	A4, I
Oil mist	ACGIH TWA				Poor and mildly refined	A2, L

A2 = Suspected Human Carcinogen.

A4 = Not Classifiable as a Human Carcinogen.

I = Inhalable fraktion.

L = Exposure by all routes should be carefully controlled to levels as low as possible.

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**Measuring methods:** Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** ACGIH Threshold Limit Values (TLV's) and Biological Exposure Indices (BEI's), 2018. OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.

#### 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.

**Personal protective equipment, hand protection:** Plastic or rubber gloves recommended.

**Personal protective equipment, respiratory protection:** In case of risk of formation of spray mist, wear respiratory protective equipment with P2 filter.

**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

Parameter	Value/unit
State	Paste Fat.
Colour	Light blue
Odour	Characteristic
Solubility	Insoluble in the following: Water.
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	487.4 °F	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	410 °F	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	0.90	(77 °F)
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

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### 9.2 Other information

**Other Information:** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No known data.

### 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

None known.

### 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

<b>Acute toxicity - oral:</b>	The product does not have to be classified. Test data are not available. Ingestion of large quantities may cause discomfort.
<b>Acute toxicity - dermal:</b>	The product does not have to be classified. Test data are not available.
<b>Acute toxicity - inhalation:</b>	The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	The product does not have to be classified. Test data are not available. Degreases the skin. Long-term exposure may cause irritation and possible infection.
<b>Serious eye damage/eye irritation:</b>	The product does not have to be classified. Test data are not available. Temporary irritation.
<b>Respiratory sensitisation or skin sensitisation:</b>	The product does not have to be classified. Test data are not available.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available. This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

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<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	The product does not have to be classified. Test data are not available. Inhalation of spray mist may cause irritation to the upper airways.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available.
<b>Other toxicological effects:</b>	On warming/heating, the vapours emitted may cause irritation to the respiratory organs. May cause coughing and breathing difficulties.

#### SECTION 12: Ecological information

##### 12.1. Toxicity

The product does not have to be classified. Test data are not available. The product contains small quantities of environmentally hazardous substances.

##### 12.2. Persistence and degradability

Test data are not available. Not expected to be biodegradable.

##### 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

None known.

##### 12.6. Other adverse effects

Oil products may cause soil and water pollution.

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 as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

**Category of waste:**

#### SECTION 14: Transport information

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

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#### 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.

#### Proposition 65

**Chemicals known to cause cancer:** None.

**Chemicals known to cause reproductive toxicity:** None.

#### SARA

**Section 302:** None of the ingredients are on the inventory.

**Section 313:** None of the ingredients are on the inventory.

**Section 311/312:** Not included

**TSCA:** All ingredients are on the inventory or exempt from listing.

**CERCLA:** None of the ingredients are on the inventory.

#### NFPA ratings

**Health hazard:** 1

**Flammability:** 1

**Instability:** 0

#### HMIS III ratings

**Health hazard:** 1

**Flammability:** 1

**Physical hazard:** 0

#### 15.2. Chemical Safety Assessment

**Other Information:** Chemical safety assessment has not been performed.

### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	2/7/2018	Bureau Veritas HSE/ HSV	
1.1.0	11/26/2018	Bureau Veritas HSE/ SRU	3, 8, 16

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<b>Abbreviations:</b>	PBT: Persistent, Bioaccumulative and Toxic vPvB: Very Persistent and Very Bioaccumulative STOT: Specific Target Organ Toxicity
<b>Other Information:</b>	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 CFR29, §1910.1200.
<b>Training advice:</b>	A thorough knowledge of this safety data sheet should be a prerequisite condition.
<b>Revision date:</b>	11/26/2018
<b>Replaces date:</b>	2/7/2018
<b>Classification method:</b>	Calculation based on the hazards of the known components.
<b>Document language:</b>	US