



# Safety data sheet

Revision: 20-11-2012  
Replaces: 10-12-2010  
Version: 01.00/GBR

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## SECTION 1: Identification of the substance/mixture 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 /Fat.**

### 1.3. Details of the supplier of the safety data sheet

Supplier: **SKF MAINTENANCE PRODUCTS**  
**Postboks 1008**  
**NL-3430 Nieuwegein**  
**The Netherlands**  
Tel: **+31 30 6307200**  
Fax: **+31 30 6307205**  
Email: **sebastien.david@skf.com**  
Contact person: **Sébastien David**

### 1.4. Emergency telephone number

**0870 600 6266 (UK only) Only available to health professionals.**

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

DPD-classification: **R52/53**

Please see section 16 for the full text of R-phrases and H-phrases.

Most serious harmful effects: **Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**  
**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

R-phrases: **Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

### 2.3. Other hazards

**Assessment to determine PBT and vPvB has not been made.**

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS/EC Number	Substance	DSD-classification/ CLP-classification	w/w%	Note
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Alkyl diphenylamine

N;R51/53

2,5-5

Please see section 16 for the full text of R-phrases and H-phrases.

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#### 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:** In case of irritation: Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
- Eyes:** Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
- Other information:** 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. 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.

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#### SECTION 5: Firefighting 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 firefighters

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.

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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.
- 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.

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#### 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. See section 8 for type of protective equipment. 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

Store 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.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Legal basis: EH40/2005 Workplace exposure limits. Last amended December 2011.

Contains no substances subject to reporting requirements.

### 8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below. See also section 7.1.

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

Personal protective equipment, respiratory protection: In case of risk of formation of spray mist, wear respiratory protective equipment with A/P2 filter. Respiratory protection must conform to one of the following standards: EN 136/140/145.

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

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State: Paste /Fat.  
Colour: Light blue  
Odour: Characteristic  
Odour threshold: No data  
pH (solution for use): No data  
pH (concentrate): No data  
Melting point/freezing point: 253 °C  
Initial boiling point and boiling range: No data  
Flash point: 210 °C  
Evaporation rate: No data  
Flammability (solid, gas): No data  
Upper/lower flammability limits: No data  
Upper/lower explosive limits: No data  
Vapour pressure: No data  
Vapour density: No data  
Relative density: 0,90 (20 °C)  
Solubility: Insoluble in the following: Water.  
Partition coefficient n-octanol/water: No data  
Auto-ignition temperature: No data  
Decomposition temperature: No data  
Viscosity: No data  
Explosive properties: No data  
Oxidising properties: No data

### 9.2. Other information

None.

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Oxidisers.

### 10.2. Chemical stability

	The product is stable when used in accordance with the supplier's directions.
<b>10.3. Possibility of hazardous reactions</b>	None known.
<b>10.4. Conditions to avoid</b>	Avoid heating and contact with ignition sources.
<b>10.5. Incompatible materials</b>	Oxidisers.
<b>10.6. Hazardous decomposition products</b>	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>Sensitisation:</b>	The product does not have to be classified. Test data are not available.
<b>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.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Toxicity in case of single 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>Toxicity in case of repeated or prolonged 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

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Test data are not available.

### 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**

No assessment has been made.

**12.6. Other adverse effects**

Oil products may cause ground and water pollutants.

German water pollution classification (WGK): 1

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**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Avoid discharge to drain or surface water. Collect spills and waste in closed, leak-proof containers for disposal at the local hazardous waste site.

EWC code: Depends on line of business and use, for instance 12 01 12 spent waxes and fats.

Absorbent/cloth contaminated with the product:

EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

Uncleansed packaging is to be disposed of via the local waste-removal scheme. Empty, cleansed packaging should be disposed of for recycling.

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**SECTION 14: Transport information**

**ADR/RID**

Not included.

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- Hazard identification number
- Tunnel restriction code: -
- 14.5. Environmental hazards -

**ADN**

Not included.

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -
- 14.4. Packing group -
- 14.5. Environmental hazards -
- Environmental hazard in tank vessels: -

**IMDG**

Not included.

- 14.1. UN number -
- 14.2. UN proper shipping name -
- 14.3. Transport hazard class(es) -

- 14.4. Packing group -  
14.5. Environmental hazards -  
IMDG Code segregation group: -

ICAO/IATA

Not included.

- 14.1. UN number -  
14.2. UN proper shipping name -  
14.3. Transport hazard class(es) -  
14.4. Packing group -  
  
14.6. Special precautions for user -  
  
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code -

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**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**

Chemical safety assessment has not been performed.

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**SECTION 16: Other information**

Changes have been made in the following sections: 1-16

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative

R-phrases: R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H-phrases: No H-phrases.

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

Other information: This safety data sheet is in accordance with 1907/2006/EC (REACH) and subsequent amendments.

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