

## Safety data sheet

Revision: 17-12-2017  
 Replaces: 07-08-2014  
 Version: 02.01/GBR

### 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 /Lubricating grease

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

Supplier: SKF MAINTENANCE PRODUCTS  
 Postbus 1008  
 NL-3430 BA Nieuwegein  
 The Netherlands  
 Tel: +31 30 6307200  
 Email: sebastien.david@skf.com  
 WWW: 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 (Regulation (EC) No 1272/2008): Skin Sens. 1;H317

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

Most serious harmful effects: May cause an allergic skin reaction.  
 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



Signal word: Warning  
 Contains: 3,3'-dicyclohexyl-1,1'-methylenebis(4,1-phenylene)diurea  
 H-phrases: May cause an allergic skin reaction.(H317)  
 P-phrases: Wear protective gloves.(P280-h)

#### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS/EC Number	Substance	CLP-classification (Regulation (EC) No 1272/2008)	w/w%	Note
01-000001560 6-69	- 406-530-2	reaction mass of: 3,3'-dicyclohexyl-1,1'-methylenebis(4,1-phenylene)diurea, 3-cyclohexyl-1-(4-(4-(3-octadecylureido)benzyl)phenyl)urea, 3,3'-dioctadecyl-1,1'-methylenebis(4,1-phenylene)diurea	Aquatic Chronic 4;H413	2-5	.
01-211949129 9-23	68411-46-1- C	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Aquatic Chronic 3;H412	2-5	.
01-000001559 1-72	58890-25-8-A 406-370-3 43136-14-7-A	3,3'-dicyclohexyl-1,1'-methylenebis(4,1-phenylene)diurea	Skin Sens. 1;H317 Aquatic Chronic 4;H413	2-5	.
01-000001562 0-79	406-690-3	3,3'-dioctadecyl-1,1'-methylenebis(4,1-phenylene)diurea	Aquatic Chronic 4;H413	1-3	.

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

Other information: Any letters after the CAS number refer to individual data sets.

## 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:	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 sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing. 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: 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.

## 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: Protective suit equivalent to EN 368, type 3, 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. 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.

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 (25 °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.

## 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.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Avoid heating and contact with ignition sources.

### 10.5. Incompatible materials

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:	The product does not have to be classified. Test data are not available. Ingestion of large quantities may cause discomfort.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
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. Degreases the skin. Long-term exposure may cause irritation and possible infection.
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:	May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.
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. Inhalation of spray mist may cause irritation to the upper airways.
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:	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

The product does not contain any PBT or vPvB substances.

### 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. 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.

EWC code: Depends on line of business and use, for instance 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

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.

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

The product is not covered by the rules for transport of dangerous goods.

### 14.1. UN number

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### 14.2. UN proper shipping name

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### 14.3. Transport hazard class(es)

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### 14.4. Packing group

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### 14.5. Environmental hazards

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### 14.6. Special precautions for user

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### 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:

Special care should be applied for employees under the age of 18. Young people under the age of 18 may not carry out any work causing harmful exposure to this product.

### 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: 1,3,6,9,13,16

Abbreviation explanations: PBT: Persistent, Bioaccumulative and Toxic

vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

Classification method:

Calculation based on the hazards of the known components.

H-phrases:

H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.  
H413 May cause long lasting harmful effects to aquatic life.

Training:

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

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.

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