



# Safety data sheet

Version: 01.00/AUS

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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: Lubricating grease

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

Distributor: SKF Australia Pty Ltd  
17 - 21 Stamford Rd  
3166 Oakleigh, VICTORIA  
Australia  
Tel: (03) 9269 0800  
Fax: (03) 9269 0886  
Email: italo.marcantonio@skf.com

Manufacturer: SKF MAINTENANCE PRODUCTS  
Postboks 1008  
NL-3430 Nieuwegein  
The Netherlands  
Tel: +31 30 6307200  
Fax: +31 30 6307205

### 1.4. Emergency telephone number

Emergency telephone comments: (04) 0838 5664  
(SKF Australia)

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

GHS-classification: Aquatic Chronic 3;H412

Most serious harmful effects: Harmful to aquatic life with long lasting 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

H-phrases: Harmful to aquatic life with long lasting effects.(H412)

### 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 No.	Substance	w/w%	Note
.	Unknown	Alkyl diphenylamine	2.5 - 5	.
.	Unknown	Non-hazardous mixture	95 - 97.5	.

## 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 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. HazChem: 2Z (White "Z" on black background).

## 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 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

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: WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS (DATE OF EFFECT: 18 April 2013)  
ACGIH Exposure limits for Chemical Biological Substances 2012.  
OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.  
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.

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.

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

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.

### **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.

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## **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. Degrades 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:	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. 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.

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## **SECTION 12: Ecological information**

### **12.1. Toxicity**

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

### **12.2. Persistence and degradability**

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.

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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.

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

-

#### 14.2. UN proper shipping name

-

#### 14.3. Transport hazard class(es)

-

#### 14.4. Packing group

-

#### 14.5. Environmental hazards

-

#### 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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Supplemental information:

HazChem: 2Z (White "Z" on black background).

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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.

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### SECTION 16: Other information

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.

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 the WHS regulations.

Issue date: 04.04.2014.

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## Safety data sheet

Version: 01.00/NZL

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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: Lubricating grease

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

Distributor: SKF New Zealand Ltd  
Unit 3, 24 Bishop Dunn Place, Flat Bush  
2013 Auckland  
New Zealand  
Tel: 0800 705 705  
Fax: +64 9 273 8513

Manufacturer: SKF MAINTENANCE PRODUCTS  
Postbus 1008  
NL-3430 BA Nieuwegein  
The Netherlands  
Tel: +31 30 6307200

#### 1.4. Emergency telephone number

Emergency telephone comments: 0800 764 766 / 111  
New Zealand National Poisons Centre / New Zealand Emergency Services

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### SECTION 2: Hazards identification

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

GHS-classification: Skin Sens. 1

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.

P-phrases: Wear protective gloves.

### 2.3. Other hazards

None known.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS/EC No.	Substance	w/w%	Note
.	--	Non-hazardous mixture	88,5 -	.
.	--	.	95,5	.
.	--	reaction mass of:	2 - 5	.
.	--	3,3'-dicyclohexyl-1,1'-methylenebis(4,	.	.
.	.	1-phenylene)diurea,	.	.
.	.	3-cyclohexyl-1-(4-(4-(3-octadecylureid	.	.
.	.	o)benzyl)phenyl)urea,	.	.
.	.	3,3'-dioctadecyl-1,1'-methylenebis(4,1	.	.
.	.	-phenylene)diurea	.	.
.	58890-25-8	3,3'-dicyclohexyl-1,1'-methylenebis(4,	2 - 5	.
.	--	1-phenylene)diurea	.	.
.	43136-14-7	3,3'-dioctadecyl-1,1'-methylenebis(4,1	0,5 - 1,5	.
.	--	-phenylene)diurea	.	.

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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: 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. HazChem: 2Z (White "Z" on black background).

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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:

## 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:

WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS (DATE OF EFFECT: 18 April 2013)

ACGIH Exposure limits for Chemical Biological Substances 2012.

OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.

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.

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.

Personal protective equipment, respiratory protection:

In case of risk of formation of spray mist, wear respiratory protective equipment with A/P2 filter.

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.

## 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:	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. 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.

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## **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**

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.

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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.

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**

-

### **14.2. UN proper shipping name**

-

### **14.3. Transport hazard class(es)**

-

### **14.4. Packing group**

-

### **14.5. Environmental hazards**

-

### **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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Supplemental information: HazChem: 2Z (White "Z" on black background).

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## **SECTION 15: Regulatory information**

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

Special provisions: Not considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation..

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**SECTION 16: Other information**

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.

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 the WHS regulations.

Issue date:

13-03-2015

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