



SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

LGHP2

Last changed: 2003-12-02

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

TRADE NAME LGHP 2
APPLICATION SKF High performance polyurea bearing grease

Producer/importer SKF Maintenance Products
Address Postbus 1008
Postal code NL-3430 BA Nieuwegein
Country The Netherlands
Telephone +31 30 6307200
Fax +31 30 6307205
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2. COMPOSITION/INFORMATION ON INGREDIENTS

No	Ingredient name	EC No.	CAS No.	Conc. (wt%)		Classification
1	Baseoil - unspecified					
2	Alkylated diphenylamines	270-128-1	68411-46-1	2-5		N,51/53
Legend: T+=Very toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritant, E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment						

INGREDIENT COMMENTS

COMMENTS ON COMPOSITION

Baseoil - unspecified: DMSO-content < 3% DMSO-Content < 3%

3. HAZARDS IDENTIFICATION

HEALTH

May be irritating. May cause redness, blisters and rash on protracted or repeated exposure.

ENVIRONMENT

The product contains substances that are considered to be harmful to the environment.

4. FIRST AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rest. In the event of irritation in the respiratory tract, breathing difficulties, headache, tiredness, nausea or unconsciousness, seek immediate medical attention. Show this product information leaflet, if possible.

SKIN CONTACT

Wash the skin immediately with soap and water. Use appropriate hand lotion to prevent defatting and cracking of skin. Contact physician if irritation persists. Show this product information leaflet, if possible.

EYE CONTACT

Rinse immediately with plenty of water. Remove contact lenses. Contact physician if irritation persists. Show this product information leaflet, if possible.

INGESTION

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Contact physician if symptoms appears. Show this product information leaflet, if possible.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguishing agent: carbon dioxide or powder.

IMPROPER EXTINGUISHING MEDIA

Do not use a direct water jet that could spread the fire.

FIRE AND EXPLOSION HAZARDS

Fire causes formation of toxic gases.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

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Last changed: 2003-12-02

Put on protective equipment prior to entering danger zone.

6. ACCIDENTAL RELEASE MEASURES **PERSONAL PRECAUTIONS**

Avoid contact with the skin, eyes and respiratory tract. Bear in mind the risk of slipping. Spillage may cause slipperiness.

ENVIRONMENTAL PRECAUTIONS

Prevent discharge into the sewage system or the immediate environment.

METHODS FOR CLEANING UP

Absorb in inert material (sand, vermiculite, etc.). Clean with a suitable cleaning agent.

7. HANDLING AND STORAGE **HANDLING ADVICE**

Avoid all unnecessary contact with chemicals. Wear appropriate clothing to prevent repeated or prolonged skin contact. Good personal hygiene is important. Use mechanical ventilation in case of handling which causes formation of vapours.

STORAGE

Keep in a cool place. Keep container in a well-ventilated place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ingredient name	Cas nr.	Interval	ppm	mg/m ³	Year	Notes
Oil mist, mineral		8 h		5,0	2001	

EXPOSURE CONTROL

Ensure good general ventilation. Provide sufficient ventilation during operations which cause vapour formation. Good personal hygiene is important. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin.

RESPIRATORY PROTECTION

If ventilation is insufficient, use a respirator with A2/P2 filter. Respirator in dust-raising operations.

EYE PROTECTION

Use safety goggles and face shield in case of splash risk.

HAND PROTECTION

Use suitable protective gloves.

PROTECTIVE CLOTHING

Wear appropriate clothing to prevent any possibility of skin contact. Apron or other light protective clothing and boots.

OTHER INFORMATION

Wash at the end of each work shift and before eating, smoking and using the toilet. Isolate contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Paste		
Colour:	Blue.		
Odour:	Slight odour.		
Solubility:	Insoluble in water		
Melting point/range:		Density:	0,9
Expl. limit LEL-UEL%:		Solubility in water:	
Vapour pressure:		Saturation conc.:	
Decomposition temp.:		Rel. dens. sat. air (air=1):	
pH solution:		Boiling point/range:	
Flash point:	210°C	pH concentrate:	
Molar weight:		Viscosity:	
Ignition temp.:		Odour threshold value:	
Rel.vap.dens.(air=1):		Rel. evap. velocity:	
Air reactive:		Water reactive:	

10. STABILITY AND REACTIVITY

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STABILITY

Stable under normal temperature conditions.

MATERIALS TO AVOID

Keep away from heat, sparks and open flame. Avoid: Strong oxidizing agent.

HAZARDOUS DECOMPOSITION PRODUCTS

Formation of toxic gases if heated.

11. TOXICOLOGICAL INFORMATION **INHALATION**

Inhalation of vapours may cause irritation in the respiratory tract. May cause coughing and breathing difficulties.

SKIN CONTACT

May be irritating. May cause redness, blisters and rash on protracted or repeated exposure.

EYE CONTACT

Avoid direct contact. May be irritating.

INGESTION

May cause discomfort. May be irritating in the mouth, gullet and gastrointestinal system. Apart from intentional ingestion, swallowing of major quantities is improbable.

12. ECOLOGICAL INFORMATION **MOBILITY**

The product is insoluble in water.

DEGRADABILITY

Decomposes slowly.

ECOTOXICITY

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

13. DISPOSAL CONSIDERATIONS **GENERAL REGULATIONS**

Confirm disposal procedures with environmental engineer and local regulations.

CATEGORY OF WASTE

EWC-Code: 13 02 02

14. TRANSPORT INFORMATION

Classified as Dangerous Goods:

 Yes No N/A**OTHER INFORMATION**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION

EC-Label

 Yes No

Xxxx15-5 N/A

COMPOSITION

Alkylated diphenylamines (2-5)

R-PHRASES

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

REFERENCES

Directive 67/548/EEC, Directive 1999/45/EC, Directive 88/379/EEC, Directive 75/442/EEC, Directive 2001/59/EC (28 ATP), Directive 91/155/EEC.

16. OTHER INFORMATION

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VENDOR NOTES

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

LIST OF RELEVANT R-PHRASES

Nr.	R-Phrase text
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.

TRAINING ADVICE

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.