



SAFETY DATA SHEET

Material safety data sheet

LGFA 1

Last changed: 01-08-2007

1. IDENTIFICATION OF PRODUCT AND COMPANY

TRADE NAME LGFA 1
APPLICATION SKF food compatible grease.

Supplier SKF Maintenance Products
Address Postbus 1008
Postal code NL-3430 BA Nieuwegein
Country The Netherlands
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Fax +31 30 6307205
Contact person Sébastien David
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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance/Odor: White grease/Mild

POTENTIAL HEALTH EFFECTS: See section 11 for more information

Likely routes of exposure: Ingestion, eye and skin contact.

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

POTENTIAL ENVIRONMENTAL EFFECTS: See section 12 for more information

None

OSHA REGULATORY STATUS

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	Component	w/w%
1314-13-2	Zinc oxide	7-13
471-34-1	Calcium-carbonate	3-10
8042-47-5	White mineral oil (petroleum)	50-80
9003-29-6	Butene, homopolymer	7-13
-	Aluminium complex thickener	7-13

4. FIRST AID MEASURES

By inhalation:

Seek fresh air.

By ingestion:

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

By skin contact:

Remove contaminated clothing. Wash skin with soap and water.

By eye contact:

Open eye wide, remove any contact lenses and flush immediately with water (preferably using eye wash equipment). Seek medical advice if symptoms persist.

Other information:

Symptoms: See section 11. Bring the material safety data sheet or label when seeking medical advice.

5. FIRE FIGHTING MEASURES

Extinguish with powder, foam, carbon dioxide or water mist. Do not use a jet of water, as it may spread the fire. Use water or water mist to cool non-ignited inventory. Move containers from danger area if it can not be done without risk. Avoid inhalation of vapour and smoke gases – seek fresh air.



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6. ACCIDENTAL RELEASE MEASURES

Use the same personal protective equipment as stated in section 8. Prevent spillage from entering drains and/or surface water. Wipe up spills with a cloth.

7. HANDLING AND STORAGE

Handling:

See section 8 for information about precautions for use and personal protective equipment.

Storage:

Do not expose to heat (e.g. sunlight).

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering controls/general hygiene considerations:

Use the product under well-ventilated conditions. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

Respiratory protection:

Not required.

Skin protection:

Plastic or rubber gloves recommended.

Eye/face protection:

Wear safety goggles if there is a risk of eye splash.

Exposure guidelines:

Substance

Zinc oxide

Oil mist mineral

Exposure limit

OSHA: 5 mg/m³ - fume

ACGIH: TWA 2 mg/m³, STEL 10 mg/m³, respirabel

OSHA: 5 mg/m³

ACGIH: TWA 5 mg/m³, STEL 10 mg/m³

Remarks

TWA: time-weighted average STEL: short term exposure limit

Control methods:

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White grease

Odor: Mild

Odor threshold: N/AV

Physical state: Paste

pH: N/AV

Melting point: N/AV

Boiling point: N/AV

Flash point: N/AV

Evaporation: N/AV

Flammability: N/AV

Upper/lower flammability or explosive limits: N/AV

Vapor pressure: <0.1 mm Hg

Vapor density: >0.5

Specific gravity: 0.89

Solubility: Insoluble in water

Partition coefficient: n-octanol/water: N/AV

Auto-ignition temperature: N/AV

Decomposition temperature: N/AV

10. STABILITY AND REACTIVITY

This product is stable when used in accordance with the supplier's directions.

11. TOXICOLOGICAL INFORMATION

Immediate effects

Inhalation:

The product does not release hazardous vapors.

Ingestion:

Ingestion may cause discomfort.

Skin contact:

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



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Eye contact:

Temporary irritation.

Long-term effects

None known.

12. ECOLOGICAL INFORMATION

Avoid discharge to drain or surface water.

Ecotoxicity:

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

13. DISPOSAL CONSIDERATIONS

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. 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.

14. TRANSPORT INFORMATION

The product is not covered by the rules for transport of dangerous goods by road and sea according to DOT, ADR, IMDG.

15. REGULATORY INFORMATION

US Federal

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

CERCLA: None of the ingredients are on the inventory.

SARA title III Rules.

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

Section 311/312 Hazard classes:

€ Fire Hazard € Reactive Hazard € Release of Pressure € Acute Health Hazard € Chronic Health Hazard

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

State regulations

Proposition 65

Chemicals known to cause cancer:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity:

None of the ingredients are listed

EU-regulations

Danger symbols: N

R-phrases:

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R51/53)

S-phrases:

Avoid release to the environment. Refer to special instructions/safety data sheet. (S61)



Dangerous for
the environment



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16. OTHER INFORMATION



This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

NFPA ratings (scale 0 - 4)

Health = 1

Flammability = 1

Reactivity = 0

HMIS III ratings (scale 0 – 4)

Health hazard = 1

Flammability = 1

Physical hazard = 0

Sources used

This MSDS has been prepared to comply with provisions of ANSI Z400.1-2004. The label text has been prepared to comply with the provisions of ANSI Z129.1-2006.

ACGIH Exposure limits for Chemical Biological Substances, 2007. OSHA 29 CFR part 1910.1000, table Z1-Z3, Limits for Air Contaminants 2006.

Key/Legend:

N/AV: Not available or not applicable.

This material datasheet was prepared from information provided by the supplier about the product at the time of preparation (e.g. data sheets and the like).

Prepared on: 01-08-2007.

Replaces: