



SAFETY DATA SHEET

Material safety data sheet

LGAP 1

Last changed: 10/12/2007

1. Product and company identification

Trade name: LGAP 1

Use: SKF all purpose industrial and automotive grease

Supplier:

SKF Maintenance Products

Kelvinbaan 16

NL-3430 BA Nieuwegein

Tel: +31 30 6307200 Fax: +31 30 6307205

Contact person: David Sébastien **E-mail:** sebastien.david@skf.com

2. Hazards identification

EMERGENCY OVERVIEW

Appearance/Odor: Fluid/Petroleum

POTENTIAL HEALTH EFFECTS: See Section 11 for more information

Likely Routes of Exposure: SKIN, EYE, INGESTION, INHALATION

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

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

OSHA REGULATORY STATUS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

3. Composition/Information on Ingredients

CAS No.	Component	w/w%
12001-85-3	Naphthenic acids, zinc salts	1-3
64742-52-5	Destillates, Petroleum, Hydrotreated heavy naphthenic	30-50
64742-65-0	Distillates (petroleum), Solvent-dewaxed heavy paraffinic	30-50

4. First aid measures

By inhalation:

Seek fresh air. Seek medical advice in case of persistent discomfort.

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:

Flush with water (preferably using eye wash equipment) until irritation subsides. 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 water stream, as it may spread the fire. Use water or water mist to cool non-ignited stock. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue 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. Contain and absorb spill with sand or other absorbent, non-combustible material and transfer to suitable waste containers. See section 13 for instructions on disposal.

7. Handling and storage

Handling:

See section 8 for information about precautions for use and personal protective equipment. Smoking and naked flames prohibited.

Storage:

Do not expose to heat (e.g. sunlight). Do not store together with oxidizing agents.

8. Exposure controls/Personal protection

Engineering controls/general hygiene considerations:

Use the product under well-ventilated conditions. Running water and eye wash equipment must 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	Exposure limit	Remarks
Destillates, Petroleum, hydrotreated heavy naphthenic	OSHA: 5 mg/m ³ (Oil mist)	-
	ACGIH: TWA: 5 mg/m ³ (Oil mist)	-
	STEL: 10 mg/m ³ (Oil mist)	-
Destillates, Petroleum, solvent-dewaxed heavy paraffinic	OSHA: 5 mg/m ³ (Oil mist)	-
	ACGIH: TWA: 5 mg/m ³ (Oil mist)	-
	STEL: 10 mg/m ³ (Oil mist)	-

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

State: Viscous liquid
Colour: Reddish brown
Odour: Petroleum
pH (concentrate): N/A
Melting point: N/A
Boiling point: >250°C
Density: 916 kg/m³
Vapour pressure: 160 Pa (100°C)
Solubility in water: Insoluble
Flash point: 216°C
Flammability: N/A
Auto ignition temperature: >270°C
Oxidizing properties: N/A
Viscosity: 110 cSt (40°C)



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10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions. Reacts with strong oxidizing agents, strong bases and strong acids.

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.

Eye contact:

Temporary irritation.

Long-term effects

None known.

12. Ecological information

Avoid discharge to drain or surface water.

Ecotoxicity:

Harmful 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 and IMDG.

15. Regulatory information

US Federal

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

CERCLA: Naphthenic acids, zinc salts is 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 Hazard Chronic Health Hazard

Section 313: Naphthenic acids, zinc salts is on the inventory.

State regulations

Proposition 65

Chemicals known to cause cancer:



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None of the ingredients are listed
Chemicals known to cause reproductive toxicity:
None of the ingredients are listed

EU regulations

R-phrases:

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

S-phrases:

Avoid contact with the skin. (S24)

Avoid contact with the eyes. (S25)

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

Other information:

None.

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 the provisions of ANSI Z400.1-2004. The label text has been prepared to comply with the provisions of ANSI Z129.1-2006 ADR 2007 edition and IMDG 2006 edition.

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

Key/Legend:

This material safety data sheet was prepared from information provided by the supplier about the product at the time of preparation (e.g. data sheets and the like). N/AV: Not available or not applicable.