

# Safety Data Sheet

## LGMT 3

Replaces date: 16/02/2021

Revision date: 16/06/2022

Version: 3.3.0

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Trade name:** LGMT 3

**Unique Formula Identifier (UFI):** CFV1-00QU-E00U-JP3U

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended uses:** Lubricant.

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

##### Supplier

**Company:** SKF MPT  
**Address:** Meidoornkade 14  
**Zip code:** 3992 AE  
**City:** AE Houten  
**Country:** NETHERLANDS  
**E-mail:** support.mpt@skf.com  
**Phone:** +31 30 6307200  
**Homepage:** 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:** Skin Sens. 1;H317

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

#### 2.2. Label elements

##### Pictograms



**Signal word:** Warning

##### Contains

**Substance:** Naphthenic acids, zinc salts, basic;

##### Hazard Statements

H317 May cause an allergic skin reaction.

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### Precautionary statements

P280

Wear protective gloves.

P333+313

If skin irritation or rash occurs: Get medical advice/attention.

### 2.3. Other hazards

The product does not contain any PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Naphthenic acids, zinc salts, basic	84418-50-8 282-762-6 01-2119988500-34	1 -< 5 %		Skin Sens. 1;H317 Eye Irrit. 2;H319 Aquatic Chronic 3;H412

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

### Ingredient comments:

The mineral oils in the product contain <3% DMSO extract(IP 346).

## 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 contact:

In case of irritation: Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.

#### Eye contact:

Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

#### General:

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.

### 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. Can generate harmful flue gases containing carbon monoxide in the event of fire.

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### 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 a chemical protection suit only where personal (close) contact is likely.

## 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: 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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.

### 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. Do not store with the following: Strong oxidisers/ Strong acids/ Strong alkalis. Keep in tightly closed original packaging.

### 7.3. Specific end use(s)

None.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limit:** Contains no substances subject to reporting requirements

**Measuring methods:** Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

**Legal basis:** EH40/2005 Workplace exposure limits. Last amended January 2020.

### 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.

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**Personal protective equipment, hand protection:** Wear gloves. Type of material and thickness: Nitrile rubber/ 0,38 mm. Penetration time: >8 hours. Gloves must conform to EN 374.  
The suitability and durability of a glove is dependant on usage, e.g. frequency and duration of contact, glove material thickness, functionality and chemical resistance. Always seek advice from the glove supplier.

**Personal protective equipment, respiratory protection:** Not required.  
In case of risk of formation of spray mist, wear respiratory protective equipment with 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.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Paste / Fat.
Colour	Yellow
Odour	Characteristic
Solubility	Insoluble in the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	> 180 °C	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	0,95 g/cm <sup>3</sup>	(15 °C)
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

#### 9.2. Other information

Parameter	Value/unit	Remarks
NLGI	3	

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reacts with the following: Strong oxidisers/ Strong acids/ Strong alkalis.

#### 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

None known.

#### 10.5. Incompatible materials

Strong oxidisers/ Strong acids/ Strong alkalis.

#### 10.6. Hazardous decomposition products

Can generate harmful flue gases containing carbon monoxide in the event of fire.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

**Acute toxicity - oral:** The product does not have to be classified. Test data are not available. Ingestion may cause discomfort.

**Acute toxicity - dermal:** The product does not have to be classified. Test data are not available.

#### Acute toxicity - inhalation

##### Naphthenic acids, zinc salts, basic, cas-no 84418-50-8

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4h	> 42 mg/l			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

**Skin corrosion/irritation:** The product does not have to be classified. Test data are not available. May cause slight irritation.

**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.

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**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.

### 11.2. Information on other hazards

**Endocrine disrupting properties:** None known.

**Other toxicological effects:** None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Naphthenic acids, zinc salts, basic, cas-no 84418-50-8

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish			96hLC50	> 100 mg/l		OECD 203	
Crustacea			48hEC50	> 100 mg/l		OECD 202	

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met. The product contains small quantities of environmentally hazardous substances.

### 12.2. Persistence and degradability

#### Naphthenic acids, zinc salts, basic, cas-no 84418-50-8

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Not readily biodegradable.	OECD 301 B	

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. Endocrine disrupting properties

None known.

### 12.7. Other adverse effects

Oil products may cause soil and water pollution.

German water pollution classification (WGK): 1

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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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. Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

**Category of waste:** EWC code: Depends on line of business and use, for instance 12 01 12\* spent waxes and fats

Absorbent/cloth contaminated with the product: EWC code: 15 02 02 absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances.

### SECTION 14: Transport information

**14.1. UN number or ID number:** Not applicable. **14.4. Packing group:** Not applicable.

**14.2. UN proper shipping name:** Not applicable. **14.5. Environmental hazards:** Not applicable.

**14.3. Transport hazard class(es):** Not applicable.

#### 14.6. Special precautions for user

None.

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

**Other Information:** The product is not covered by the rules for transport of dangerous goods.

### 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.

Covered by:  
Council Directive (EC) on the protection of young people at work.

#### 15.2. Chemical Safety Assessment

REACH Reg. No.	Substance name
01-2119988500-34	Naphthenic acids, zinc salts, basic

### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
3.3.0	16/06/2022	Bureau Veritas HSE/ SRU	1, 3, 9, 11-12, 15-16

**Abbreviations:** PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

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**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 Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

**Training advice:** A thorough knowledge of this safety data sheet should be a prerequisite condition.

**Classification method:** Calculation based on the hazards of the known components.

#### List of relevant H-statements

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Country:** GB