

# Safety Data Sheet

## LGMT 2

Replaces date: 25/05/2020

Revision date: 23/02/2021

Version: 4.2.0

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

#### 1.1. Product identifier

**Trade name:** LGMT 2

**Unique Formula Identifier (UFI):** 0ER8-N1QE-8Y10-8QAC

#### 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:** sebastien.david@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;

##### H-phrases

H317 May cause an allergic skin reaction.

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### P-phrases

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P362+364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local regulation.

### 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	< 1.2%		Skin Sens. 1;H317 Eye Irrit. 2;H319 Aquatic Chronic 3;H412

Please see section 16 for the full text of H-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

<b>Inhalation:</b>	Seek fresh air. Seek medical advice in case of persistent discomfort.
<b>Ingestion:</b>	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of discomfort.
<b>Skin contact:</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical advice in case of persistent discomfort.
<b>Eye contact:</b>	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
<b>General:</b>	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: Fire-fighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
<b>Unsuitable extinguishing</b>	Do not use water stream, as it may spread the fire.

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media:

### 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 fire-fighters

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:** Stay upwind/keep distance from source. 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

The product should be used under well-ventilated conditions and preferably under process ventilation. 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. Store in a dry, cool, well-ventilated area. Do not store with the following: Strong oxidisers. Do not expose to heat (e.g. sunlight).

### 7.3. Specific end use(s)

No special uses in addition to identified uses in 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

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

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**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.

**Personal protective equipment, hand protection:** Wear gloves. Type of material: Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often. 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	Reddish brown
Odour	No data
Solubility	Not miscible with the following: Water.
Explosive properties	No data
Oxidising properties	No data

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	> 150 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	

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Odour threshold	No data	
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### 9.2 Other information

Parameter	Value/unit	Remarks
Density	<1000 kg/m <sup>3</sup>	(25 °C)
Kinematic viscosity	> 20,5 mm <sup>2</sup> /s	(40°C)
VOC (Volatile organic compounds):	0 %	

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with the following: Strong 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

Strong 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

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	LD50		5039 mg/kg		Calculated	

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

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	LD50		> 2000mg/kg			

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

#### Acute toxicity - dermal

##### LGMT 2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	LD50		4841mg/kg		Calculated	

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

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<b>Acute toxicity - inhalation:</b>	The product does not have to be classified. Test data are not available.
<b>Skin corrosion/irritation:</b>	The product does not have to be classified. Test data are not available. May irritate the skin - may cause reddening.
<b>Serious eye damage/eye irritation:</b>	The product does not have to be classified. Test data are not available. Temporary irritation.
<b>Respiratory sensitisation or skin sensitisation:</b>	May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration - often slowly developing.
<b>Germ cell mutagenicity:</b>	The product does not have to be classified. Test data are not available.
<b>Carcinogenic properties:</b>	The product does not have to be classified. Test data are not available.
<b>Reproductive toxicity:</b>	The product does not have to be classified. Test data are not available.
<b>Single STOT exposure:</b>	The product does not have to be classified. Test data are not available. Inhalation of vapours may cause irritation to the upper airways.
<b>Repeated STOT exposure:</b>	The product does not have to be classified. Test data are not available.
<b>Aspiration hazard:</b>	The product does not have to be classified. Test data are not available.
<b>Other toxicological effects:</b>	None known.

### 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. Test data are not available.

#### 12.3. Bioaccumulative potential

No bioaccumulation expected. Test data are not available.

#### 12.4. Mobility in soil

Not expected to be mobile 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. Other adverse effects

Oil products may cause soil and water pollution.

German water pollution classification (WGK): 1

### SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

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 13 08 99\* wastes not otherwise specified

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

<b>14.1. UN-No.:</b>	Not applicable.	<b>14.4. Packing group:</b>	Not applicable.
<b>14.2. UN proper shipping name:</b>	Not applicable.	<b>14.5. Environmental hazards:</b>	Not applicable.
<b>14.3. Transport hazard class(es):</b>	Not applicable.		

#### 14.6. Special precautions for user

None.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

**Other Information:** Chemical safety assessment has not been performed.

### SECTION 16: Other information

#### Version history and indication of changes

Version	Revision date	Responsible	Changes
4.2.0	23/02/2021	Bureau Veritas HSE/ SRU	1, 7-9, 14, 16

**Abbreviations:** PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative

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STOT: Specific Target Organ Toxicity

**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 1907/2006/EC (REACH) 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.

**Document language:**

GB