

安全資料表

危害物料資料

1. 產品與用途							
1.1 物料名稱	LGMT 2						
1.2 用途	雪油						
2. 危害成份							
2.1 危害分類及標籤							
	有害	有毒	腐蝕性	易燃	刺激性	爆炸性	助燃
	()	()	()	()	(✓)	()	()
2.2 酸鹼值(pH)	不適用			2.3 曝露限制(OEL)	無資料		
2.4 致癌物質	沒有			2.5 其他危害	無資料		
2.5 潛在危害	眼睛接觸：刺激眼睛 皮膚接觸：長時間接觸會刺激皮膚 食入：刺激黏膜組織、噁心及嘔吐 吸入：會刺激呼吸管線引致咳嗽及呼吸困難						
3. 火警和爆炸資料							
3.1 燃燒物成份比例	無資料	3.2 沸點(°F)	無資料	3.3 溶點()	不適用		
3.4 閃點()	>150	3.5 比重	<1g/cm ³	3.6 氣壓力	不適用		
3.7 爆炸極限(濃度)	不適用	3.8 溶解度	不溶於水	3.9 氣味	氣味溫和		
3.10 滅火設備	水劑、泡沫、二氧化碳及化學乾粉劑之滅火筒。						
4. 急救處理							
4.1 眼睛接觸	立即用大量清水沖洗 15 分鐘，如持續感覺不適，儘快尋求醫療護理。						
4.2 皮膚接觸	脫下受污染之衣物，用大量清水或肥皂水沖洗接觸部位，塗潤膚霜以免皮膚乾裂，如感皮膚受刺激，儘快尋求醫療護理。						
4.3 吸入	迅速離開現場到新鮮空氣處休息。如持續感不適，儘快尋求醫療護理。						
4.4 食入	不要強行嘔吐，飲用 1 至 2 杯清水及立即尋求醫療護理。						
5. 個人防護裝備							
<input checked="" type="checkbox"/> 橡膠手套		<input checked="" type="checkbox"/> 防化學品護眼罩			<input checked="" type="checkbox"/> 合適保護圍裙		
6. 處理及使用應知事項							
6.1 儲存注意事項:	• 保持良好通風 • 儲存於陰涼的位置，保持於攝氏50度以下 • 保持瓶蓋密封及遠離熱源及火種						
6.2 意外洩漏處理的方法:	穿著合適個人防護裝備，以布碎或泥沙等墮性物料吸收洩漏物，已吸收洩漏物之物料，需以按照處理化學廢物程序處理。						
7. 其他資料							
- N/A							

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

1.1. Product identifier

Trade name: LGMT 2

Unique Formula Identifier (UFI): Q600-K0SP-T00R-05UA

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.

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2.2. Label elements

Pictograms



Signal word: Warning

Contains

Substance: Naphthenic acids, zinc salts, basic;

Hazard Statements

H317 May cause an allergic skin reaction.

Precautionary statements

P280 Wear protective gloves.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

Endocrine disrupting properties: None known.

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 LD50 (Acute toxicity - dermal): > 2000 mg/kg bw LD50 (Acute toxicity - oral): > 2000 mg/kg bw
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1 270-128-1 01-2119491299-23	< 0.25 %		Repr. 2;H361f Aquatic Chronic 3;H412 LD50 (Acute toxicity - oral): > 5000 mg/kg bw LD50 (Acute toxicity - dermal): > 2000 mg/kg bw

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

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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 sensitisation 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. Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

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: 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

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wash equipment must 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. Do not store with the following: Strong oxidisers. Do not expose to heat (e.g. sunlight).

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 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.

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	Red
Odour	No data
Solubility	Not miscible with the following: Water.

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	

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Initial boiling point and boiling range	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	> 150 °C	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
pH (solution for use)	No data	
pH (concentrate)	No data	
Kinematic viscosity	> 20.5 mm ² /s	(40 °C)
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	< 1000 kg/m ³	(25 °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
Explosive properties		Non-explosive
VOC (Volatile organic compounds):	0.01	

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

None, if stored at the recommended storage conditions.

SECTION 11: Toxicological information

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

Acute toxicity - oral

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE		4996.50 mg/kg		Calculated	

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

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

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, cas-no 68411-46-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000 mg/kg bw			

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

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE		4689.60 mg/kg		Calculated	

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

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

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, cas-no 68411-46-1

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

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

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	4 h	> 420 mg/m ³			

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 irritate the skin - may cause reddening.

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 sensitisation 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.

Repeated STOT exposure:

The product does not have to be classified. Test data are not available.

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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

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, cas-no 68411-46-1

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish	Danio rerio		96hLC50	> 100 mg/l			

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

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. 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

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 03 absorbents, filter

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materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

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
01-2119491299-23	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
01-2119988500-34	Naphthenic acids, zinc salts, basic

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
4.5.0	08/05/2023	Bureau Veritas HSE/ SRU	1,16

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

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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.
H361f	Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.

Country: GB