

Safety Data Sheet

LGEV 2

Replaces date: 17/03/2025

Revision date: 04/08/2025

Version: 3.10.0

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

1.1. Product identifier

Trade name: LGEV 2

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

Recommended uses: Lubricant.

Inadvisable uses: None.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: SKF UK Ltd
Address: 400 Capability Green
Zip code: LU1 3LU
City: Luton
Country: UNITED KINGDOM
Email: technical.helpdesk.uk@skf.com
Phone: +44 1582 490049
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: Polysulfides, di-tert-dodecyl; N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine;

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./ UK-REACH Reg. No.	Concentration	Notes	CLP-classification
Polysulfides, di-tert-dodecyl	68425-15-0 270-335-7	1 -< 2.5 %		Skin Sens. 1B;H317
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1 270-128-1	0.25 -< 1 %		Repr. 2;H361f Aquatic Chronic 3;H412
2,6-Ditertiary-butylparacresol	128-37-0 204-881-4	0.1 -< 0.25 %		Aquatic Acute 1;H400 Aquatic Chronic 1;H410
N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine	91273-04-0 401-280-0	0 -< 0.1 %		Skin Corr. 1B;H314 Skin Sens. 1A;H317 Eye Dam. 1;H318 Aquatic Chronic 2;H411

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 persistent 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. The product contains at least one substance which is a suspected reproductive hazard.

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 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. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Sulphur oxides.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear gloves. Wear safety goggles if there is a risk of eye splash. Stay upwind/keep distance from source.

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

Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

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7.2. Conditions for safe storage, including any incompatibilities

To be stored safely out of reach of children and not together with food, feed, medicine and the like. Keep in tightly closed original packaging. Do not store with the following: Oxidisers.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	Fiber/cm ³	Remarks	Comments
2,6-Ditertiary-butylpara-cresol	8h		10			

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. Control of Lead at Work Regulations 2002. Control of Asbestos Regulations 2012.

DNEL - workers

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene, cas-no 68411-46-1					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	0,31 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	0,44 g/kg bw/day				
2,6-Ditertiary-butylpara-cresol, cas-no 128-37-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	3,5 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	0,5 mg/kg bw/day				
N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine, cas-no 91273-04-0					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	1,76 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	0,5 mg/kg bw/day				

8.2. Exposure controls

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- Appropriate engineering controls:** Wear the personal protective equipment specified below. Use the product under well-ventilated conditions.
- Personal protective equipment, eyeface protection:** Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 16321.
- Personal protective equipment, hand protection:** In the event of direct skin contact, wear protective gloves: Type of material and thickness: Nitrile rubber/ > 1 mm. Penetration time: > 60 min. 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.
- 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	Liquid Paste
Colour	Grey
Odour	Characteristic
Solubility	No data

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Boiling point or initial boiling point and boiling range	No data	
Flammability	No data	
Flammability limits	No data	
Lower and upper explosion limit	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 (log value)	No data	
Vapour pressure	No data	
Density	0.94 g/cm ³	(20 °C)
relative density	No data	
Relative vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks

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Dropping point	~ 180 °C	
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: 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

None known.

10.5. Incompatible materials

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:	The product does not have to be classified. Test data are not available. Ingestion of large quantities may cause discomfort.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
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. The product contains at least one substance which is a suspected reproductive hazard.
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

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

Test data are not available.

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

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

Category of waste: EWC code: Depends on line of business and use, for instance 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

Absorbent/cloth contaminated with the product: EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02.

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SECTION 14: Transport information

<p>14.1. UN number or ID number: Not applicable.</p> <p>14.2. UN proper shipping name: Not applicable.</p> <p>14.3. Transport hazard class(es): Not applicable.</p>	<p>14.4. Packing group: Not applicable.</p> <p>14.5. Environmental hazards: Not applicable.</p>
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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: None.

15.2. Chemical Safety Assessment

UK-REACH Reg. No.	Substance name
	Polysulfides, di-tert-dodecyl
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
	2,6-Ditertiary-butylpara-cresol
	N, N-bis(2-ethylhexyl)-((1,2,4- triazol-1-yl)methyl)amine

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
3.10.0	04/08/2025	SRU	1,8,16

Abbreviations:

- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: Very Persistent and Very Bioaccumulative
- STOT: Specific Target Organ Toxicity
- DNEL: Derived No Effect Level

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.

Hazard statements

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Country: GB