

SKF High load, wide temperature bearing grease

LGWM 2

SKF LGWM 2 is a synthetic-mineral oil based grease using the latest complex calcium sulphonate thickener technology. It is suitable for applications subjected to high loads, wet environments and fluctuating temperatures.

- Excellent corrosion protection
- Excellent mechanical stability
- Excellent high load lubricating capacity
- Good false brinelling protection
- Good pumpability down to low temperatures

Typical applications

- Wind turbine mains shafts
- Heavy duty off road applications
- Snow exposed applications
- Marine and offshore applications
- Spherical roller thrust bearing applications



Available pack sizes

Packsize	Designation	Packsize	Designation
420 ml cartridge	LGWM 2/0.4	Electro-mechanical lubricant dispensers	
5 kg can	LGWM 2/5	TLMR 101 series 380 ml refill (incl. battery)	LGWM 2/MR380B
18 kg pail	LGWM 2/18	TLMR 201 series 380 ml refill	LGWM 2/MR380
50 kg drum	LGWM 2/50		
180 kg drum	LGWM 2/180		
Gas driven lubricator			
LAGD series 125 ml	LAGD 125/WM2		



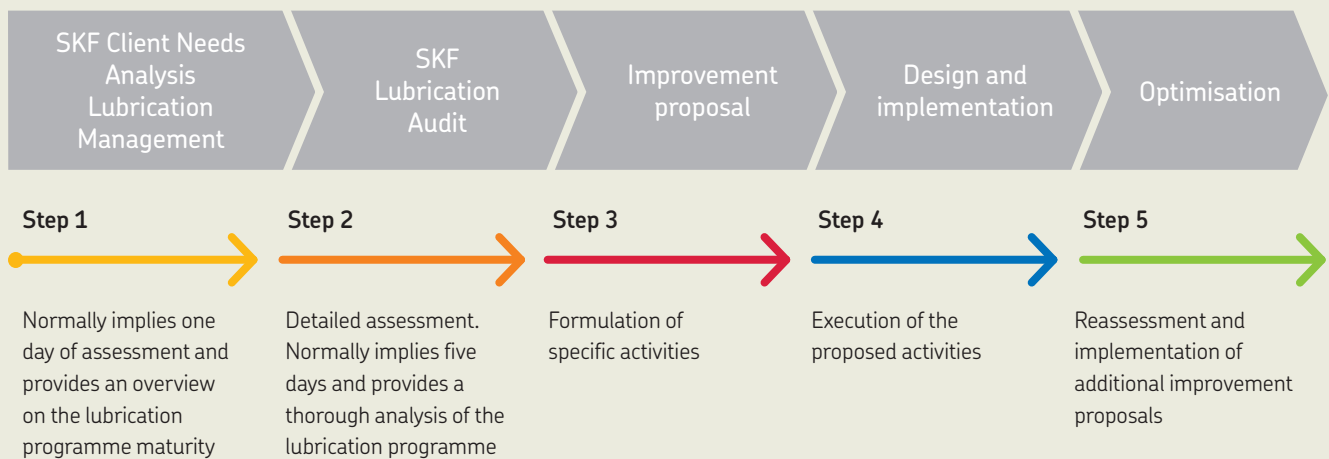
Technical data

Designation	LGWM 2/(pack size)			
DIN 51825 code	KP2G-40	Water resistance	DIN 51 807/1, 3 hrs at 90 °C	1 max.
NLGI consistency class	1-2	Oil separation	DIN 51 817, 7 days at 40 °C, static, %	3 max.
Thickener	Complex calcium sulphonate	Lubrication ability	R2F, running test B at 120 °C	Pass at 140 °C (285 °F)
Colour	Yellow		R2F, Cold chamber test (+20 °C)	Pass
Base oil type	Synthetic (PAO)/ Mineral		R2F, Cold chamber test (-30 °C)	Pass
Operating temperature range	-40 to +110 °C (-40 to +230 °F)	Copper corrosion	DIN 51 811	2 max. at 100 °C (210 °F)
Dropping point DIN ISO 2176	>300 °C (>570 °F)	Rolling bearing grease life	ROF test	1 824 ¹⁾ at 110 °C (230 °F)
Base oil viscosity		EP performance	Wear scar DIN 51350/5, 1 400 N, mm	1,5 max. ¹⁾
40 °C, mm ² /s	80		4-ball test, welding load DIN 51350/4, N	4 000 min. ¹⁾
100 °C, mm ² /s	8,6	Fretting corrosion	ASTM D4170 FAFNIR test at +25 °C, mg	5,2 ¹⁾
Penetration DIN ISO 2137			ASTM D4170 FAFNIR test at -20 °C, mg	1,1 ¹⁾
60 strokes, 10 ⁻¹ mm	280-310			
100 000 strokes, 10 ⁻¹ mm	+30 max.			
Mechanical stability				
Roll stability, 50 hrs at 80 °C, 10 ⁻¹ mm	+50 max.			
Corrosion protection				
Emcor: - standard ISO 11007	0-0			
- water washout test	0-0			
- salt water test (100% seawater)	0-0 ¹⁾			

¹⁾ Typical value

Lubrication management

Just as asset management takes maintenance to a higher level, a lubrication management approach allows lubrication to be seen from a wider point of view. This approach helps to effectively increase machine reliability at a lower overall cost.



skf.com | mapro.skf.com | skf.com/lubrication

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Safety Data Sheet

LGWM 2

Replaces date: 21/04/2021

Revision date: 14/10/2021

Version: 2.4.0

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

1.1. Product identifier

Trade name: LGWM 2

Unique Formula Identifier (UFI): VHF7-S3A5-N00C-YESE

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: Eye Irrit. 2;H319

Most serious harmful effects: Causes serious eye irritation.

2.2. Label elements

Pictograms



Signal word: Warning

Contains

Substance: Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts;

H-phrases

H319 Causes serious eye irritation.

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P-phrases

P280 Wear eye protection.

Supplemental information

EUH208 Contains Benzenesulfonic acid, mono-C16-24 alkyl derivs. and mono-C10-16 alkyl derivs., calcium salts, Sulfonic acids, petroleum, calcium salts, C14-16-18 Alkyl Phenol. May produce an allergic reaction.

2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6 271-529-4 01-2119492627-25	5 -< 10%		Skin Sens. 1B;H317
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0 274-263-7 01-2119492616-28	3 -< 5%		Skin Sens. 1B;H317
Sulfonic acids, petroleum, calcium salts	61789-86-4 263-093-9 01-2119488992-18	3 -< 5%		Skin Sens. 1;H317
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts	1335202-81-7 932-231-6 01-2119560592-37	1 -< 2.5%		Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Chronic 3;H412
C14-16-18 Alkyl Phenol	1190625-94-5 931-468-2 01-2119498288-19	0.1 -< 1%		Skin Sens. 1B;H317 STOT RE 2;H373

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.
- Eye contact:** Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
- General:** When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed

Irritating to eyes. Causes a burning sensation and tearing. The product contains small amounts of Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, C14-16-18 Alkyl Phenol. Persons with a known allergy may exhibit an allergic response to the product.

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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/ Phosphorous oxides/ Aldehydes/ Nitrous gases.

5.3. Advice for firefighters

Wear Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air.

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. Wear gloves. Wear respiratory protective equipment.

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 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. Store in a dry area.

7.3. Specific end use(s)

None.

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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.

PNEC

Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, cas-no 68584-23-6				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	1 mg/l			
PNEC aqua (marine water)	1 mg/l			
PNEC aqua (intermittent releases)	10 mg/l			
PNEC sediment (freshwater)	723500000 mg/kg dw			
PNEC sediment (marine water)	723500000 mg/kg dw			
PNEC soil	868700000 mg/kg dw			
PNEC STP (wastewater-treatment facilities)	100 mg/l			
PNEC oral (foodstuffs)	16,667 mg/kg food			
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, cas-no 70024-69-0				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	1 mg/l			
PNEC aqua (marine water)	1 mg/l			
PNEC aqua (intermittent releases)	10 mg/l			
PNEC sediment (freshwater)	723500000 mg/kg dw			
PNEC sediment (marine water)	723500000 mg/kg dw			
PNEC soil	868700000 mg/kg dw			
PNEC STP (wastewater-treatment facilities)	100 mg/l			
PNEC oral (foodstuffs)	16,667 mg/kg food			
Sulfonic acids, petroleum, calcium salts, cas-no 61789-86-4				
Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	1 mg/l			
PNEC aqua (marine water)	1 mg/l			
PNEC aqua (intermittent releases)	10 mg/l			
PNEC sediment (freshwater)	226000000 mg/kg dw			

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PNEC sediment (marine water)	226000000 mg/kg dw			
PNEC soil	271000000 mg/kg dw			
PNEC STP (wastewater-treatment facilities)	1000 mg/l			
PNEC oral (foodstuffs)	16,667 mg/kg food			

C14-16-18 Alkyl Phenol, cas-no 1190625-94-5

Exposure	Value	Assessment Factor	Extrapolation Method	Note
PNEC aqua (freshwater)	0,100 mg/l			
PNEC aqua (marine water)	0,010 mg/l			
PNEC aqua (intermittent releases)	1 mg/l			
PNEC sediment (freshwater)	4266,16 mg/kg dw			
PNEC sediment (marine water)	426,62 mg/kg dw			
PNEC soil	852,58 mg/kg dw			
PNEC STP (wastewater-treatment facilities)	100 mg/l			

DNEL - workers
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, cas-no 68584-23-6

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	3,33 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	0,66 mg/m ³				

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, cas-no 70024-69-0

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	0,66 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	3,33 mg/kg				

Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts, cas-no 1335202-81-7

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	1,7 mg/kg bw/day				

C14-16-18 Alkyl Phenol, cas-no 1190625-94-5

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	1,17 mg/m ³				

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Dermal DNEL (long-term exposure - systemic effects)	0,30 mg/kg bw/day				
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DNEL - general population

Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, cas-no 68584-23-6

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	1,667 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	0,33 mg/m ³				
Oral DNEL (long-term exposure - systemic effects)	0,8333 mg/kg bw/day				

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, cas-no 70024-69-0

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (long-term exposure - systemic effects)	0,33 mg/m ³				
Dermal DNEL (long-term exposure - systemic effects)	1,667 mg/kg bw/day				
Oral DNEL (long-term exposure - systemic effects)	0,8333 mg/kg bw/day				

Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts, cas-no 1335202-81-7

Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	85 mg/kg bw/day				

8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles. Eye protection must conform to EN 166.

Personal protective equipment, hand protection: In the event of direct skin contact, wear protective gloves: Type of material: Nitrile rubber. Breakthrough time has not been determined for the product. Change gloves often. 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. Gloves must conform to EN 374.

Personal protective equipment, respiratory protection: Light use (small volume, shortterm contact (below 10 min.)): Not required. Medium use (medium volume, medium contact (1-2 hours)): Wear respiratory protective equipment. Filter type: A P. Respiratory protection must conform to one of the following standards: EN 136/140/145.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
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	900 kg/m ³	(20 °C)
Relative density	0.900	(20 °C)
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
Oxidising properties		Not applicable.

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.

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10.4. Conditions to avoid

Avoid contact with moisture and water.

10.5. Incompatible materials

Strong oxidisers.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed: Carbon monoxide and carbon dioxide/ Sulphur oxides/ Phosphorous oxides/ Aldehydes/ Nitrous gases.

SECTION 11: Toxicological information

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

Acute toxicity - oral

Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, cas-no 68584-23-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000mg/kg		OECD 401	

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, cas-no 70024-69-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5000mg/kg		OECD 401	

Sulfonic acids, petroleum, calcium salts, cas-no 61789-86-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 16000mg/kg bw			

Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts, cas-no 1335202-81-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		4445 mg/kg bw			

C14-16-18 Alkyl Phenol, cas-no 1190625-94-5

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

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

Acute toxicity - dermal

Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, cas-no 68584-23-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000mg/kg bw		OECD 402	

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, cas-no 70024-69-0

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 5000mg/kg		OECD 402	

Sulfonic acids, petroleum, calcium salts, cas-no 61789-86-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 4000mg/kg			

Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts, cas-no 1335202-81-7

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

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C14-16-18 Alkyl Phenol, cas-no 1190625-94-5

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

LGWM 2

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATE (mix)		41.30 mg/l			

Sulfonic acids, petroleum, calcium salts, cas-no 61789-86-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (aerosol)	4 h	> 1.9mg/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: May irritate the skin - may cause reddening. The product does not have to be classified. Test data are not available.

Serious eye damage/eye irritation: Irritating to eyes. Causes a burning sensation and tearing.

Respiratory sensitisation or skin sensitisation: According to tests, the product need not be classified. The product contains small amounts of Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, Sulfonic acids, petroleum, calcium salts, Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, C14-16-18 Alkyl Phenol. Persons with a known allergy may exhibit an allergic response to the product.

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.

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

11.2. Information on other hazards

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts, cas-no 68584-23-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchneriella subcapitata		72hEL50	> 1000mg/l			
Crustacea	Daphnia magna		48hEL50	> 1000mg/l			

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Fish	Cyprinodon variegatus		96hLL50	> 1000mg/l		OECD 203	
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Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts, cas-no 70024-69-0

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchneriella subcapitata		72hEC50	> 1000mg/l			
Crustacea	Daphnia magna		48hEC50	> 1000mg/l			
Fish	Cyprinodon variegatus		96hLL50	> 10000mg/l		OECD 203	

Sulfonic acids, petroleum, calcium salts, cas-no 61789-86-4

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Pseudokirchneriella subcapitata		72hEC50	> 1000mg/l			
Crustacea	Daphnia magna		48hEC50	> 1000mg/l		OECD 202	
Fish	Cyprinodon variegatus		96hLC50	> 10000mg/l		OECD 203	

Benzenesulfonic acid, C10-13-alkyl derivs., calcium salts, cas-no 1335202-81-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae	Name of species not specified		96hNOEC	500 µg/l			
Algae	Name of species not specified		96hLOEC	1 mg/l			
Algae	Pseudokirchneriella subcapitata		96hEC50	29 mg/l			
Crustacea	Daphnia magna		48hEC50	2.9 mg/l			
Fish	Name of species not specified		96hLC50	1 -< 10mg/l		OECD 203	
Crustacea	Daphnia magna		48hLOEC	5.6 mg/l			
Crustacea	Name of species not specified		21dNOEC	1.18 mg/l			
Fish	Name of species not specified		72hNOEC	0.23 mg/l			
Crustacea	Name of species not specified		48hNOEC	379 µg/l			

C14-16-18 Alkyl Phenol, cas-no 1190625-94-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Crustacea	Daphnia magna		48hEC50	> 100mg/l		OECD 202	

The product contains small quantities of environmentally hazardous substances. The product does not have to be classified.

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Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

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

No assessment has been made.

12.6. Endocrine disrupting properties

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 12 01 12* spent waxes and fats

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.

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

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special Provisions: None.

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
2.4.0	14/10/2021	Bureau Veritas HSE/ SRU	2, 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 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. Test data.

List of relevant H-statements

H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H412 Harmful to aquatic life with long lasting effects.

List of relevant EUH-statements

EUH208 Contains Benzenesulfonic acid, mono-C16-24 alkyl derivs. and mono-C10-16 alkyl derivs., calcium salts, Sulfonic acids, petroleum, calcium salts, C14-16-18 Alkyl Phenol. May produce an allergic reaction.

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