

According to Regulation (EC) No 1907/2006

POCO® BECKENSTEINE

Version number: 6.3
Issued: 2026-07-30
Replaces SDS: 2025-07-30



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

1.1. Product identifier

Trade name

POCO® BECKENSTEINE

UFI code

9VD7-DVDC-E31Y-JETS

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

Relevant identified uses

Deodorant tablets for urinals for professional users.

Not suitable for use in

All other uses are discouraged.

1.3. Details of the supplier of the safety data sheet

Supplier

KLEEN PURGATIS GmbH

Address

Dieselstraße 10
32120 Hiddenhausen
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Web site

www.kleenpurgatis.de

Contact person

Regulatory Affairs

Email

+49 (0) 5223 9970-0

1.4. Emergency telephone number

+49 (0)551- 19240 (GIZ-Nord)

Available outside office hours

Yes

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Skin irritation, hazard category 2

Skin sensitisation, hazard category 1

Eye irritation, hazard category 2

Hazardous to the aquatic environment — Chronic hazard category 3

Hazard statements

H315, H317, H319, H412

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302 + P352 IF ON SKIN: Wash with plenty of water/soap.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container to a hazardous or special waste disposal facility.

More information

Hazard components for labeling:

1,2-benzisothiazolin-3-one

delta-3-carene

citral

2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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**Other**

Evaluation methods for classification : See section 16

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-pharse M factor acute M factor chronic	Specific concentra- tion limits ATE	Note
sodium carbonate	497-19-8 207-838-8 01-2119485498-19-xxxx 011-005-00-2	20 - 50%	Eye Irrit. 2	H319 - -		
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3 270-115-0 01-2119489428-22-xxxx -	20 - <25%	Acute Tox. 4 - oral, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H302, H315, H318, H412 - -	ATE [Oral]: 1020 mg/kg bw	-
citric acid	77-92-9 201-069-1 01-2119457026-42-xxxx -	1 - 5%	Eye Irrit. 2, STOT SE 3 - resp. tract irrit.	H319, H335 - -	ATE [Oral]: 5400 mg/kg bw	-
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8 01-2119488639-16-xxxx -	1 - 3%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315, H318, H412 - -	Eye Dam. 1, H318: C ≥ 10% Eye Irrit. 2, H319: 5% ≤ C < 10% ATE [Oral]: 4100 mg/kg bw	-
alcohols, C16-18, ethoxylated	68439-49-6 - - -	1 - 2%	Eye Irrit. 2	H319 - -		-
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl)	90622-77-8 292-481-0 01-2119489413-33-xxxx -	0.5 - <2%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2	H315, H318, H411 - -		-
delta-3-carene	498-15-7 207-856-6 - -	0.5 - <1%	Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1	H226, H304, H315, H317, H400, H410 M-acut=1 M-chro=1		-

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Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrases M factor acute M factor chronic	Specific concentration limits ATE	Note
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 01-2120761540-60-xxxx 613-088-00-6	0.02 - <0.036%	Acute Tox. 4 - oral, Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1	H302, H315, H317, H318, H400, H410 M-acut=1 M-chro=1	Skin Sens. 1A, H317: C $\geq$ 0.036% ATE [Oral]: 454 mg/kg bw	-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Description of first aid measures

First responders: Pay attention to self-protection.

Inhalation

Not applicable

Skin contact

In case of contact, immediately flush skin with plenty of water. If skin irritation persists, call a physician.

Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Information for doctors

Show this safety data sheet to the doctor in attendance.

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

Skin contact

Causes skin irritation. May cause allergic skin reaction.

Eye contact

Eye irritation, cloudy / blurred field of vision, excessive lachrymation.

Ingestion

Nausea, vomiting, gastrointestinal discomfort.

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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, dry powder, foam, carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

In the event of fire, wear self contained breathing apparatus.

Measures in case of fire

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment. Avoid direct contact with the material / product.
Ensure adequate ventilation, especially in confined areas.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Use mechanical handling equipment. Keep in suitable and closed containers for disposal.

6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Wear personal protective equipment. Avoid direct contact with the material / product.
Ensure adequate ventilation, especially in confined areas.

General hygiene

When using, do not eat, drink or smoke.
Wash hands before breaks and immediately after handling the product.
The usual precautionary measures when handling chemicals must be observed.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Keep away from food, drink and animal feeding stuffs. Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 13 (non-combustible solids)

Storage temperature: 10 °C to 40 °C

7.3. Specific end use(s)

See section 1.2: Deodorant tablets for urinals

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
sodium carbonate (497-19-8/207-838-8)	DNEL	Chronic (long term) Inhalation	10 mg/m ³	Workers	Local
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (68411-30-3/270-115-0)	DNEL	Chronic (long term) Oral	0.85 mg/kg	Consumers	Systemic
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (68411-30-3/270-115-0)	DNEL	Chronic (long term) Dermal	170 mg/kg	Workers	Systemic
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (68411-30-3/270-115-0)	DNEL	Chronic (long term) Inhalation	12 mg/kg	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Dermal	2750 mg/kg	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Inhalation	175 mg/m ³	Workers	Systemic
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Oral	15 mg/kg	Consumers	Systemic
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	DNEL	Chronic (long term) Dermal	4.16 mg/kg	Workers	Systemic
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	DNEL	Chronic (long term) Inhalation	73.4 mg/m ³	Workers	Systemic
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	DNEL	Chronic (long term) Oral	6.25 mg/kg	Consumers	Systemic
1,2-benzisothiazol-3(2H)-one; 1,2-benziso-thiazolin-3-one (2634-33-5/220-120-9)	DNEL	Chronic (long term) Inhalation	6.81 mg/m ³	Workers	Systemic
1,2-benzisothiazol-3(2H)-one; 1,2-benziso-thiazolin-3-one (2634-33-5/220-120-9)	DNEL	Chronic (long term) Dermal	966 µg/kg bw/day	Workers	Systemic

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PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (68411-30-3/270-115-0)	PNEC	Marine water	0.0268 mg/kg
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (68411-30-3/270-115-0)	PNEC	Sediment (freshwater)	8.1 mg/kg
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (68411-30-3/270-115-0)	PNEC	Sewage Treatment Plant	3.43 mg/kg
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts (68411-30-3/270-115-0)	PNEC	Freshwater	0.268 mg/kg
citric acid (77-92-9/201-069-1)	PNEC	Freshwater	0.44 mg/l
citric acid (77-92-9/201-069-1)	PNEC	Marine water	0.044 mg/l
citric acid (77-92-9/201-069-1)	PNEC	Sewage Treatment Plant	1000 mg/l
citric acid (77-92-9/201-069-1)	PNEC	Sediment (freshwater)	34.6 mg/kg
citric acid (77-92-9/201-069-1)	PNEC	Sediment (marine water)	3.46 mg/kg
citric acid (77-92-9/201-069-1)	PNEC	Soil	33.1 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Freshwater	0.24 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Marine water	0.024 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sewage Treatment Plant	10000 mg/l
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sediment (freshwater)	0.9168 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Sediment (marine water)	0.09168 mg/kg
alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	PNEC	Soil	7.5 mg/kg
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	PNEC	Freshwater	0.007 mg/l
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	PNEC	Marine water	0.0007 mg/l
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	PNEC	Sewage Treatment Plant	830 mg/l
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	PNEC	Sediment (freshwater)	1.201 mg/kg

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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	PNEC	Sediment (marine water)	0.12 mg/kg
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) (90622-77-8/292-481-0)	PNEC	Soil	0.2354 mg/kg
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5/220-120-9)	PNEC	Freshwater	4.03 µg/l
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5/220-120-9)	PNEC	Marine water	403 ng/L
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5/220-120-9)	PNEC	Sewage Treatment Plant	1.03 mg/l
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5/220-120-9)	PNEC	Sediment (freshwater)	49.9 µg/kg sediment dw
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5/220-120-9)	PNEC	Sediment (marine water)	4.99 µg/kg sediment dw
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5/220-120-9)	PNEC	Soil	3 mg/kg soil dry weight

8.2. Exposure controls

Appropriate engineering controls

Not applicable

Eye / face protection

Chemical-resistant safety glasses with side protection conforming to EN166.

Hand protection

Chemical-resistant protective gloves (EN 374)

Other skin protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

Respiratory protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

Thermal hazards

Not applicable

Environmental exposure controls

No special environmental precautions required.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Solid

Colour

light green

Odour

fruity

Odour threshold

Not determined for the mixture.

Melting point / freezing point

Not determined for the mixture.

Boiling point or initial boiling point and boiling range

No data available

Flammability

Not determined for the mixture.

Lower and upper explosion limit

The product / mixture has no explosive properties.

Flash point

No data available

Auto-ignition temperature

Not determined for the mixture.

Decomposition temperature

Not determined for the mixture.

pH

10.4

Method

1 % aqueous solution

Kinematic viscosity

Not determined for the mixture.

Viscosity, dynamic

Not determined for the mixture.

Solubility

Water soluble

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Water solubility

slightly soluble

Partition coefficient n-octanol/water

Not determined for the mixture.

Vapour pressure

Not applicable

Density and/or relative density

1.6 g/cm³

Relative vapour density

Not applicable

Evaporation Rate

Not applicable

Explosive properties

Not applicable

Oxidising properties

Not applicable

VOC %

< 3 %

Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal conditions

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Protect from frost, heat and sunlight.

10.5. Incompatible materials

Strong acids, oxidizing agents

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10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

Hazardous decomposition products formed under fire conditions.

SECTION 11: Toxicological information

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

Acute toxicity

Based on the available data, the classification criteria are not met.

Toxicology data for the components

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline	Remarks
citric acid 77-92-9 / 201-069-1	LD50	5.400 mg/kg	Oral	mouse	OECD 401	ECHA
citric acid 77-92-9 / 201-069-1	LD50	>2.000 mg/kg	Dermal	rat	OECD 402	ECHA
sodium carbonate 497-19-8 / 207-838-8	LD50	>2.000mg/kg	Dermal	rabbit	-	-
sodium carbonate 497-19-8 / 207-838-8	LD50	2.800 mg/kg	Oral	rat	-	-
Benzenesulfonic acid, C10-13- alkyl derivs., sodium salts 68411-30-3 / 270-115-0	LD50	~ 1020 mg/kg	Oral	rat	-	-
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LD50	4.100 mg/kg	Oral	rat	OECD 401	-
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LD50	> 2.000 mg/kg	Dermal	rat	OECD 402	-

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Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline	Remarks
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8 / 292-481-0	LD50	> 5.000 mg/kg	Oral	rat	-	-
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8 / 292-481-0	LD50	> 2.000 mg/kg	Dermal	rabbit	-	-
1,2-benziso- thiazol-3(2H)-one 2634-33-5 / 220-120-9	LD50	454 mg/kg	Oral	rat	-	-
Alcohols, C16- 18, ethoxylated 68439-49-6 /	LD50	>2.000 mg/kg	Oral	rat	-	-

Skin corrosion/irritation

Skin irritation, hazard category 2

Serious eye damage/irritation

Eye irritation, hazard category 2

Respiratory or skin sensitisation

May cause allergic skin reaction.

Germ cell mutagenicity

Based on the available data, the classification criteria are not met.

Carcinogenicity

Based on the available data, the classification criteria are not met.

Reproductive toxicity

Based on the available data, the classification criteria are not met.

STOT-single exposure

Based on the available data, the classification criteria are not met.

STOT-repeated exposure

Based on the available data, the classification criteria are not met.

Aspiration hazard

Based on the available data, the classification criteria are not met.

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11.2. Information on other hazards

Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity

Toxicology data for the components.

Acute fish toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	LC50	7,1 mg/l	96h	fish	OECD 203	-
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8 / 292-481-0	LC50	>10-100 mg/l	-	Brachydanio rerio	DIN EN ISO 7346-2	-
citric acid 77-92-9 / 201-069-1	LC50	440 mg/l	48 h	Leuciscus idus	OECD 203	ECHA
sodium carbonate 497-19-8 / 207-838-8	LC50	300 mg/l	96h	Lepomis macrochirus	-	-
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3 / 270-115-0	LC50	1,67 mg/l	96 h	Bluegill sunfish	-	-
1,2-benziso-thiazol-3(2H)-one; 1,2-benziso-thiazolin-3-one 2634-33-5 / 220-120-9	LC50	0,74 mg/l	96h	Fisch	-	-

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Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Alcohols, C16-18, ethoxylated 68439-49-6 /	LC50	>10-100 mg/l	96h	Fisch	-	-

Acute algae toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,5 mg/l	96h	algae	OECD 202
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8 / 292-481-0	EC50	>1-10 mg/l	-	Desmodesmus subspicatus	OECD 201
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3 / 270-115-0	EC50	29 mg/l	96 h	Pseudokirchneriella subcapitata	-

Acute crustacean toxicity

Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8 / 292-481-0	EC50	>10-100 mg/l	-	Daphnia magna	OECD 202	-
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts 68411-30-3 / 270-115-0	EC50	2,9 mg/l	48 h	Daphnia magna	-	-

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Product / Sub- stance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species	Method / Guideline	Remark
1,2-benziso- thiazol-3(2H)- one; 1,2-benziso- thiazolin-3-one 2634-33-5 / 220-120-9	EC50	2,44 mg/l	48h	Daphnia magna (Water flea)	-	-
Alcohols, C16- 18, ethoxylated 68439-49-6 /	EC50	>100 mg/l	48h	Daphnia magna	-	-
alcohols, C12- 14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC50	7,2 mg/l	48h	Daphnia magna	OECD 201	-
citric acid 77-92-9 / 201-069-1	LC50	1.535 mg/l	24 h	Daphnia magna	-	ECHA
sodium carbonate 497-19-8 / 207-838-8	EC50	200-227 mg/l	48h	Ceriodaphnia dubia	-	-

Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Species	Method / Guideline
alcohols, C12-14, ethoxylated, sulfates, sodium salts 68891-38-3 / 500-234-8	EC0	> 100 mg/l	Pseudomonas putida	DIN 38412
Amides, C12-18 and C18-unsatd., N-(hydroxyethyl) 90622-77-8 / 292-481-0	EC0	>100 mg/l	Pseudomonas putida	OECD 209

12.2. Persistence and degradability

The surfactants contained in this mixture / product meet the requirements for biodegradability in accordance with Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

According to Regulation (EC) No 1907/2006

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12.4. Mobility in soil

Mobility

No information available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

12.7. Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

Other

German Water Class

WGK2 - significantly water endangering

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

Packaging

Do not re-use empty containers. Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging / sheets: Dispose of as unused product.

Waste code	Waste description
20 01 29*	detergents containing hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

No dangerous goods in the sense of the transport regulations

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

No dangerous goods in the sense of the transport regulations

14.3. Transport hazard class(es)

Not applicable

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14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Special precautions for user

The usual precautionary measures when handling chemicals must be observed.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Other

Not applicable

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: 15 % - 30 % anionic surfactants, < 5 % non-ionic surfactants, aliphatic hydrocarbons contains perfumes, TERPINEOL, CITRAL, LIMONENE, CAMPHOR, TERPINOLENE, PINENE, ALPHA-TERPINENE, LINALOOL, preservation agents, BENZISO-THIAZOLINONE.

Regulation (EC) No. 1272/2008 (CLP)

Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: not applicable

Substance restrictions according to Annex XVII: not applicable

Substances on the REACH candidate list (SVHC): not applicable

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

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National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

SECTION 16: Other information

Changes to previous revision

Rev. 6.2: Section 2. Hazards identification: Addition H412

Section 3. Composition/information on ingredients / 11. Toxicological information

Rev. 6.3: Section 15. Regulatory information: Regulation (EC) No. 648/2004 (detergents)

Abbreviations

ADN - European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR - The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE - Acute Toxicity Estimate

BCF - Bioconcentration Factor

CAS - Chemical Abstracts Service

CE - Conformité Européenne (European conformity)

CLP - Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA - Chemical Safety Assessment

CSR - Chemical Safety Report

DMEL - Derived Minimal Effect Level

DNEL - Derived No Effect Level

EINECS - European Inventory of Existing Commercial chemical Substances

ES - Exposure Scenario

EUH statement - CLP-specific Hazard statement

EuPCS - European Product Categorisation System

EWC - European Waste Catalogue

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

GWP - Global warming potential

IARC - International Agency for Research on Cancer (IARC)

IATA - International Air Transport Association

IBC - Intermediate Bulk Container

IMDG - International Maritime Dangerous Goods

LogPow - logarithm of the octanol/water partition coefficient

MARPOL - International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" - marine pollution)

OECD - Organisation for Economic Co-operation and Development

PBT - Persistent, Bioaccumulative and Toxic

PNEC - Predicted No Effect Concentration

RID - The Regulations concerning the International Carriage of Dangerous Goods by Rail

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RRN - REACH Registration Number
 SCL - A specific concentration limit
 STOT-RE - Specific Target Organ Toxicity - Repeated Exposure
 STOT-SE - Specific Target Organ Toxicity - Single Exposure
 SVHC - Substances of Very High Concern
 TWA - Time weighted average
 UN - United Nations
 UVBC - Unknown or variable composition, complex reaction products or of biological materials
 VOC - Volatile Organic Compound
 vPvB - Very Persistent and Very Bioaccumulative

References to key literature and data sources

REACH registration dossiers
 ECHA C&L - Inventory
 Safety data sheets from raw material suppliers

Evaluation methods for classification

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:
 Health hazards: calculation method
 Serious eye damage/irritation : HET-CAM test (test for eye corrosion/irritation)
 Environmental hazards : calculation method

Phrase meaning

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
 Skin Irrit. 2 - Skin irritation, hazard category 2
 Skin Sens. 1 - Skin sensitisation, hazard category 1
 Eye Irrit. 2 - Eye irritation, hazard category 2
 Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
 Eye Dam. 1 - Serious eye damage, hazard category 1
 STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation
 Aquatic Chronic 2 - Hazardous to the aquatic environment — Chronic hazard category 2
 Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1
 Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1
 Flam. Liq. 3 - Flammable liquids, hazard category 3
 Asp. Tox. 1 - Aspiration hazard, hazard category 1
 H226 Flammable liquid and vapour.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 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.

According to Regulation (EC) No 1907/2006

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Additional information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

Manufacturer's notes

Legal disclaimer: The above information is believed to be correct. This company shall not be held liable for any damage resulting from handling or from contact with the above product.