

Copelia Gastro

Version number: 5
Issued: 2022-03-18
Replaces SDS: 2021-01-25



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

1.1. Product identifier

Trade name

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

Relevant identified uses

Liquid soap

Not suitable for use in

-

1.3. Details of the supplier of the safety data sheet

Supplier

KLEEN PURGATIS GmbH

Street address

Dieselstraße 10
32120 Hiddenhausen
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Fax

+49 (0) 5223 9970-195

Web site

www.kleenpurgatis.de

Contact person

Regulatory Affairs

Email address

info@kleen-purgatis.de

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

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Label elements

More information

It is a cosmetic product according to EU Cosmetics Regulation (EC) No 1223/2009.

The product does not require labelling in accordance with CLP Regulation (EC) No 1272/2008.

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3 500-234-8 01-2119488639-16-xxxx -	5 - <10%	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315, H318, H412 - -	Eye Dam. 1: C \geq 10% Eye Irrit. 2: 5% \leq C<10%
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9 - 01-2120764691-48-xxxx 613-167-00-5	0.001 - <0.015%	Acute Tox. 3 - oral, Acute Tox. 3 - dermal, Skin Corr. 1B, Skin Sens. 1, Acute Tox. 3 - inhalation, Aquatic Acute 1, Aquatic Chronic 1	H301, H311, H314, H317, H331, H400, H410 - -	Skin Corr. 1B; H314: C \geq 0,6 % Skin Irrit. 2; H315: 0,06 % \leq C < 0,6 % Eye Irrit. 2; H319: 0,06 % \leq C < 0,6 % Skin Sens. 1; H317: C \geq 0,0015 %;

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.

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Inhalation

Not applicable

Skin contact

Rinse with water.

Eye contact

Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

Ingestion

Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary.

Information for doctors

For specialist advice physicians should contact the Poisons Information Service. Show this safety data sheet to the doctor in attendance.

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

Immediate effects can be expected after long-term exposure.

Inhalation

Not applicable.

Skin contact

Slight irritation.

Eye contact

Redness, blurred vision / excessive lachrymation .

Ingestion

Nausea / vomiting

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

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, extinguishing powder, foam or carbon dioxide . Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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.

According to Regulation (EC) No 1907/2006

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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

Forms slippery/greasy layers with water.

6.2. Environmental precautions

Dam up.

6.3. Methods and material for containment and cleaning up

Rinse with water.

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Do not get in eyes.

General hygiene

When using, do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 12 (non-flammable liquids)

Store in original container.

Storage temperature: 10°C to 40°C

7.3. Specific end use(s)

See section 1.2: Liquid soap

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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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Dermal	1650 mg/kg	Consumers	Systemic
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Inhalation	52 mg/m ³	Consumers	Systemic
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (68891-38-3/500-234-8)	DNEL	Chronic (long term) Oral	15 mg/kg	Consumers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
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	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	Soil	7.5 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Not required.

Eye / face protection

Not necessary.

Hand protection

Not necessary.

Other skin protection

Not necessary.

Respiratory protection

Not necessary.

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Thermal hazards

Not applicable.

Environmental exposure controls

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Colourless

Odour

odourless

Odour threshold

Not determined for the mixture.

Melting point / freezing point

Not applicable.

Boiling point or initial boiling point and boiling range

Not applicable.

Flammability

Not determined for the mixture.

Lower and upper explosion limit

The product / mixture has no explosive properties.

Flash point

> 100 °C

Auto-ignition temperature

Not determined for the mixture.

Decomposition temperature

Not determined for the mixture.

pH

5 - 6.5

Kinematic viscosity

No data available

According to Regulation (EC) No 1907/2006

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Viscosity, dynamic

3000-3500 mPas

Method

Brookfield

Solubility

Water soluble

Water solubility

miscible

Partition coefficient n-octanol/water

No information available

Vapour pressure

Not applicable.

Density and/or relative density

1.035 g/cm³

Relative density

No information available

Relative vapour density

Not applicable.

Evaporation Rate

Not applicable.

Explosive properties

The product / mixture has no explosive properties.

Oxidising properties

The product / mixture has no oxidizing properties.

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

None under normal use.

10.2. Chemical stability

Stable at normal conditions

According to Regulation (EC) No 1907/2006

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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

None known

10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

SECTION 11: Toxicological information

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

Toxicology data for the components .

Acute toxicity

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

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Test animals	Method / Guideline
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

Skin corrosion/irritation

May cause eye/skin irritation.

Serious eye damage/irritation

The liquid splashed in the eyes may cause irritation and reversible damage.

Respiratory or skin sensitisation

Not applicable

Germ cell mutagenicity

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

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Genotoxicity

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

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.

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

Acute fish toxicity

Product / Substance 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	LC50	7,1 mg/l	96h	Fisch	OECD 203

According to Regulation (EC) No 1907/2006

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Acute algae toxicity

Product / Substance 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
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1) 55965-84-9 /	IC50	3,2 mg/l	72h	Pseudokirchneriella subcapitata	OECD 201

Acute crustacean toxicity

Product / Substance 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	7,2 mg/l	48h	Daphnia magna	OECD 201
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7]; and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1) 55965-84-9 /	EC50	6,7 mg/l	48h	Daphnia	OECD 202

Micro-/macro organism toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Species	Method / Guideline
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	EC0	> 100 mg/l	Pseudomonas putida	DIN 38412

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12.2. Persistence and degradability

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

Bioaccumulative potential

No information available

12.4. Mobility in soil

Mobility

No information available

12.5. 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

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

waste disposal accordance with applicable local/regional/national/international regulations .

Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packaging : Dispose of as unused product.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

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14.2. UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

14.3. Transport hazard class(es)

Label

Not classified as dangerous in the meaning of transport regulations.

14.4. Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5. Environmental hazards

Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

14.6. Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

14.7. Maritime transport in bulk according to IMO instruments

Not classified as dangerous in the meaning of transport regulations.

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. 1907/2006 (REACH)

National regulations

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

Components cosmetic:

Aqua, Sodium Laureth Sulfate, Sodium Chloride, Soyamide DEA, Glycerin, Cocamidopropyl Betaine, Methylchloroisothiazolinone, Methylisothiazolinone, Citric Acid, Magnesium Nitrate, Magnesium Chloride, Sodium Benzoate

15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

SECTION 16: Other information

Changes to previous revision

Adaptation to the amending regulation (EU) 2020/878

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Abbreviations

ADN - Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR - Accord relatif au transport international des marchandises Dangereuses par Route
CAS - Chemical Abstract Service
CLP - Classification, Labelling and Packaging
DMEL - Derived Minimum Effect Level
DNEL - Derived no effect level
EC50 - Half maximal effective concentration 50%
GHS - Globally Harmonised System
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
LC50 - Lethal concentration 50%
LD50 - Lethal dosis 50 %
MARPOL - International Convention for the Prevention of Pollution from Ships
PBT - Persistent, bioaccumulative and toxic substance
PEC - Predicted Environmental Concentration
PNEC - predicted no effect concentration
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals
RID - Reglement concernant le transport international ferroviaire de marchandises Dangereuses
SVHC - Substance of very high concern
vPvB - Very persistent, very bioaccumulative substance

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]:
It is a cosmetic product according to EU Cosmetics Regulation (EC) No 1223/2009.

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Phrase meaning

Skin Irrit. 2 - Skin irritation, hazard category 2
Eye Dam. 1 - Serious eye damage, hazard category 1
Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic hazard category 3
Acute Tox. 3 - oral - Acute toxicity, oral, hazard category 3
Acute Tox. 3 - dermal - Acute toxicity, dermal, hazard category 3
Skin Corr. 1B - Skin corrosion, hazard category 1B
Skin Sens. 1 - Skin sensitisation, hazard category 1
Acute Tox. 3 - inhalation - Acute toxicity, inhalation, hazard category 3
Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1
Aquatic Chronic 1 - Hazardous to the aquatic environment — Chronic hazard category 1
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Other

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.