

SAFETY DATA SHEET

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

Revision date: 14 Feb 2024

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

1.1. Product identifier

Trade name/designation:

DentaClean

Additional information:

The substance does not require registration according to Regulation (EC) No 1907/2006 [REACH].

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

Use of the substance/mixture:

Reinigungsmittel

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Relevant identified uses:

Product Categories [PC]

PC 35: Washing and cleaning products

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

DKL GmbH

An der Ziegelei 4

37124 Rosdorf

D

Telephone: +49 551 / 5006 0

E-mail: info@dkl.de

Website: www.neuepolster.de

1.4. Emergency telephone number

No data available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements

P102	Keep out of reach of children.
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Special rules for supplemental label elements for certain mixtures:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Additional information:

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Description:

Cleaning agent

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Additional information:

Hazard components for labelling:

< 5% anionic surfactants

2-methyl-2H-isothiazol-3-one

1,2-Benzisothiazol-3(2H)-on

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 68891-38-3 EC No.: 500-234-8 REACH No.: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Aquatic Chronic 3 (H412), Eye Dam. 1 (H318), Skin Irrit. 2 (H315) Danger Specific concentration limit (SCL) Eye Irrit. 2; H319: 5% ≤ C < 10% Eye Dam. 1; H318: 10% ≤ C < 100%	1 - ≤ 3.2 weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

Remove affected person from the danger area and lay down. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

After eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Excess water.. Water spray. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Strong water jet

5.2. Special hazards arising from the substance or mixture

none The product itself does not burn.

Hazardous combustion products:

Carbon monoxide In case of fire: Gases/vapours, toxic

5.3. Advice for firefighters

The product is not: Combustible Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

none Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Use personal protection equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

Emergency procedures:

no restriction

6.1.2. For emergency responders

Personal protection equipment:

Protective clothing. Personal protection equipment: see section 8

6.2. Environmental precautions

No special environmental measures are necessary. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Suitable material for taking up: Absorbing material, organic Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Clear contaminated areas thoroughly.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

No special handling advices are necessary. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special fire protection measures are necessary. No special measures are necessary.

Measures to prevent aerosol and dust generation:

not applicable

Environmental precautions:

No special environmental measures are necessary.

Advices on general occupational hygiene

General health and safety measures. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

No special measures are necessary. Keep container tightly closed in a cool, well-ventilated place.

Packaging materials:

none

Requirements for storage rooms and vessels:

No special measures are necessary.

Hints on storage assembly:

none

Storage class (TRGS 510, Germany): 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

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Further information on storage conditions:

No special fire protection measures are necessary.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route ③ Exposure time
Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EC No.: 500-234-8	175 mg/m ³	① DNEL worker ② Long-term - inhalation, systemic effects ③ 8 h
Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EC No.: 500-234-8	2,750 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects

Substance name	PNEC Value	① PNEC type
Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EC No.: 500-234-8	0.24 mg/L	① PNEC aquatic, freshwater

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No special measures are necessary.

8.2.2. Personal protection equipment



Eye/face protection:

Eye protection: not required.

Skin protection:

By long-term hand contact Gloves with long cuffs . Suitable material: Butyl caoutchouc (butyl rubber) In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

none

Thermal hazards:

Non-combustible liquids.

Other protection measures:

none

8.2.3. Environmental exposure controls

No special environmental measures are necessary.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: colourless

Odour: odourless

Odour threshold: not relevant

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	9	20 °C	① DIN 19268
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	100 °C		② literature value
Decomposition temperature	not applicable		
Flash point	not applicable		
Evaporation rate	No data available		
Auto-ignition temperature	not applicable		
Upper/lower flammability or explosive limits	not applicable		
Vapour pressure	No data available		
Vapour density	No data available		
Density	1.01 g/cm ³	20 °C	① DIN 12793
Bulk density	not applicable		
Water solubility	0 - 100 %	20 °C	② vollcompletely miscible
Dynamic viscosity	No data available		
Kinematic viscosity	No data available		

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No known symptoms to date. not relevant The product itself does not burn.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

none

10.4. Conditions to avoid

Temperature > 50°C

10.5. Incompatible materials

none

10.6. Hazardous decomposition products

none In case of fire: Gases/vapours, toxic

SECTION 11: Toxicological information

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

Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EC No.: 500-234-8

LD₅₀ oral: 2,000 - 4,100 g/m³ (rat)

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Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard:

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

Additional information:

No data available

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EC No.: 500-234-8
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LC ₅₀ : 7.1 mg/L 4 d (fish)
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Aquatic toxicity:

not relevant

Sediment toxicity:

not applicable

Terrestrial toxicity:

not applicable

Effects in sewage plants:

The organic part of the product is biodegradable.

12.2. Persistence and degradability

Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EC No.: 500-234-8
--

Biodegradation: Yes, rapidly

Biodegradation:

The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

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12.5. Results of PBT and vPvB assessment

Alcohols, C12-14, ethoxylated, sulfates, sodium salts CAS No.: 68891-38-3 EC No.: 500-234-8

Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

20 01 30	detergents other than those mentioned in 20 01 29
20 03 01	mixed municipal waste

Waste code packaging

20 01 39	plastics
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Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

none

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SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

All ingredients of this mixture are (pre)registered according to REACH regulation.

15.1.2. National regulations

[DE] National regulations

Restrictions of occupation

none

Störfallverordnung (12. BImSchV)

for substances contained in the product:

Not subject to StörfallVO.

Technische Anleitung zur Reinhaltung der Luft (TA-Luft)

Klasse 1:

No subject to TA-Luft.

Water hazard class

WGK:

1 - slightly hazardous to water

Description:

slightly hazardous to water

Remark:

Documentation of self-classification carried out according to VwVwS, 3a.

Berufsgenossenschaftliche Vorschriften (DGUV-Vorschriften)

Berufsgenossenschaftliche Informationen (DGUV-Informationen)

Relevante arbeitsmedizinische Vorschriften

not relevant

Other regulations, restrictions and prohibition regulations

none

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1. Indication of changes

Urversion

16.2. Abbreviations and acronyms

For abbreviations and acronyms, see table on the eSDScom website

16.3. Key literature references and sources for data

ECHA

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No special measures are necessary. Draw up and observe skin protection programme.

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16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.