



Product Name: cedis Profi SURFACE 2

REF: 86214

Date of print: 22.12.2016 Date of last alteration: 22.12.2016

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

1.1. Product identifier

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

Product group

Disinfectant

Relevant identified uses

SU21 Consumer uses: Private households (= general public = consumers)

SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen)

PC8 Biocidal Products (e. g. Disinfectants, pest control)

PC35 Washing and cleaning products (including solvent based products)

PROC10 Roller application or brushing

ERC11B Wide dispersive indoor use of long-life articles and materials with high or intended release (including abrasive processing)

Uses advised against

No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor: egger Otoplastik+Labortechnik GmbH

Street/POB-No.: Aybühlweg 59

Postal code/city/country: 87439 Kempten/Germany

Telephone: +49 831 58113-60

Telefax: +49 831 58113-14

Internet: www.egger-labor.com

E-mail: sales@egger-labor.de

1.4. Emergency telephone number: +49 89 19240

Emergency number: Munich, Germany, toxicological dep. of the II. Med. Hospital)

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

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

EUH 208

EUH 210

Additional information on classification

The product is not classified.

2.2. Label elements

DSD/DPD labelling, comments

No data recorded.

Composition on the label

Didecyldimethylammonium chloride: 24 g/kg

Hazard statements

EUH 208 Contains Methylisothiazolinone May produce an allergic reaction.

EUH 210 Safety data sheet available on request.

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Precautionary statements

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

P102 Keep out of reach of children.

P103 Read label before use.

2.3. Other hazards**Health effect**

The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals.

Environmental effects

Not Classified as PBT/vPvB by current EU criteria.

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

Substance	Identification	Classification	Contents
Didecyldimethylammonium chloride	CAS no.: 7173-51-5 EC no.: 230-525-2 Index no.: 612-131-00-6	Acute tox. 4; H302 Skin Corr. 1B; H314	< 1 %
Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chloride	CAS no.: 85409-23-0 EC no.: 287-090-7	C,N; R22,R34,R50 Acute tox. 4;H302; Skin Corr 1B;H314; Aquatic Acute 1;H400;	< 1 %
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	CAS no.: 68424-85-1 EC no.: 270-325-2	C; R34 Xn; R22 N; R50 Acute tox. 4;H302; Skin Corr 1B;H314; Aquatic Acute 1;H400; M-factor:10	< 1 %
Substance comments	<1% preservative: 2-Methyl-4-isothiazolin-3-one , 3-Iodo-2-propynyl butylcarbamate The full text for all R-phrases are displayed in section 16.		

SECTION 4: First aid measures**4.1. Description of first aid measures****General**

Remove affected person from source of contamination.

Inhalation

Fresh air. Get medical attention if any discomfort continues.

Skin contact

Rinse with water. Get medical attention if any discomfort continues.



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Eye contact

Rinse with water. Contact physician if discomfort continues.

Ingestion

Rinse mouth with water. Get medical attention if any discomfort continues.

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

Delayed symptoms and effects

No known long term effects.

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

Other Information

If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards

Follow the general fire precautions indicated by the workplace.

5.3. Advice for firefighters

Personal protective equipment

Wear necessary protective equipment. For personal protection, see section 8.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures

Avoid contact with eyes and prolonged skin contact.

6.2. Environmental precautions

Environmental precautionary measures

Avoid discharge into water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Cleaning method

Recover the product and place in a suitable container for reuse. Flush contaminated area with plenty of water.

6.4. Reference to other sections

Other instructions

See section 8 and section 13.

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SECTION 7: Handling and storage**7.1. Precautions for safe handling****Handling**

No specific usage precautions noted.

7.2. Conditions for safe storage, including any incompatibilities**Storage**

Store in closed original container in a dry place.

Conditions for safe storage

Storage Temperature Value: 0 - 35 °C

Storage Stability Durability: 24 months.

7.3. Specific end use(s)**Specific use(s)**

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational Exposure limit values**

Substance	Identification	Value	TWA Year
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	CAS no.: 68424-85-1 EC no.: 270-325-2		
Other Information about threshold limit values	Enthält keine Bestandteile mit arbeitsplatzbezogenen Grenzwerten.		

DNEL / PNEC**Summary of risk management measures, human**

Data lacking.

Summary of risk management measures, environment

Data lacking.

8.2. Exposure controls**Limitation of exposure on workplace**

No special precautions.

Respiratory protection

Respiratory protection not required.

Hand protection

Gloves are recommended for prolonged use. Use protective gloves made of: Butyl rubber. Nitrile. Neoprene. (EN 374).

Breakthrough time Breakthrough time for nitrile rubber, neoprene and butyl rubber is approx. 3 hours. The recommendation is a qualified estimate based on knowledge of the components. Elastic gloves stretch when used as glove thickness and thus the breakthrough time reduced. The EN 374-3 standard test is performed at 23°C, but the practical temperature of the glove is approx. 35 °C. The breakthrough time of the different glove guides, is therefor reduced by a factor 3.

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Eye / face protection

Eye protection is not required under normal conditions.

Thermal hazards

No recommendation given.

Other Information

No recommendation given.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Colourless liquid.
Colour	Colourless.
Odour	Odourless.
pH (as supplied)	Value: ~ 7,0
Comments, pH (aqueous solution)	Not relevant.
Comments, Melting point / melting range	Not relevant.
Comments, Boiling point / boiling range	Not relevant.
Flash point	Value: > 65 °C
Comments, Evaporation rate	Not relevant.
Comments, Explosion limit	Not relevant.
Comments, Vapour pressure	Not relevant.
Comments, Specific gravity	Not relevant.
Comments, Bulk density	Not relevant.
Solubility description	Completely soluble in water.
Comments, Partition coefficient: octanol / water	Not relevant.
Comments, Spontaneous combustability	Not relevant.
Comments, Decomposition temperature	Not relevant.
Comments, Viscosity	Not relevant.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information**Other physical and chemical properties****Comments**

No data recorded.

SECTION 10: Stability and reactivity**10.1. Reactivity****Reactivity**

There are no known reactivity hazards associated with this product.



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10.2. Chemical stability

Stability

Stable under normal temperature conditions and recommended use. See section 10.1.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

No data recorded.

10.4. Conditions to avoid

Conditions to avoid

No recommendation given.

10.5. Incompatible materials

Materials to avoid

None specific.

10.6. Hazardous decomposition products

Hazardous decomposition products

During fire, toxic gases (CO, CO₂, NO_x) are formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information:

Other toxicological data

Toxicological tests on the product has not been performed.

Toxicological data for substances

Substance

No data available for ingredient(s).

LD50 oral

Value: -

Animal test species: -

Duration: -

Comments: -

Substance

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides.

LD50 dermal

Value: ~ 3340 mg/kg

Animal test species: Rabbit

Respiratory or skin sensitisation

Method of testing: OECD 406 Result: Not Sensitising.

Species: Guinea Pig.

Other information regarding health hazards

General

No information about adverse effects due to exposure.



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Potential acute effects

Inhalation

No specific health warnings noted.

Skin contact

May cause an allergic skin reaction.

Eye contact

Prolonged contact may cause redness and/or tearing.

Ingestion

Not likely, due to the packaging.

Symptoms of Exposure

Symptoms of overexposure

No specific symptoms noted.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic, comments

No data available for the product.

Toxicological data for substances

Substance

No data available for ingredient(s).

Aquatic, comments

-

Substance

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides.

Acute aquatic, fish

Value: 0,28 mg/l

Method of testing: LC50

Species: Pimephales promelas

Duration: 96h

Test reference: Supplier MSDS

Acute aquatic, algae

Value: 0,049 mg/l

Method of testing: ErC50, OECD TG 201

Species: Selenastrum capricornutum

Duration: 72h

Test reference: Supplier MSDS

Acute aquatic, Daphnia

Value: 0,016 mg/l

Method of testing: OECD TG 202

Species: Daphnia magna

Duration: 48h

Test reference: Supplier MSDS



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Ecotoxicity, other effects

Very toxic to aquatic organisms.

Mobility, description

The product is water soluble and may spread in water systems.

Persistence and degradability

The product is easily biodegradable.

Biodegradability

Value: 95,5

Test period: 28d

Method of testing: OECD 301 B

Bioaccumulation

Bioaccumulation: Is not expected to be bioaccumulable.

Bioconcentration factor (BCF)

Value: 79

Method of testing: Lepomis macrochirus, 35 d

Result of PBT assessment for the substance

Not Classified as PBT/vPvB by current EU criteria.

12.2. Persistence and degradability

The product is easily biodegradable.

12.2. Persistence and degradability

The product is easily biodegradable.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility

The product is water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

PBT assessment results

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal

Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements.

Product classified as hazardous waste

No



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Packaging classified as hazardous waste

No

EWC waste code

EWC: 0706 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics.

Other Information

Waste code applies to product remnants in pure form. When handling waste, consideration should be made to the safety precautions applying to handling of the product.

SECTION 14: Transport information

14.1. UN number

Comments

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

Comments

Not relevant.

14.3. Transport hazard class(es)

Comments

Not relevant.

14.4. Packing group

Comments

Not relevant.

14.5. Environmental hazards

Comments

Not relevant.

14.6. Special precautions for user

Special safety precautions for user

No data recorded.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

ADN - Other information

No data recorded.

SECTION 15: Regulatory information

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

EEC-directive

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Dangerous Preparations Directive 1999/45/EC.

Dangerous Substance Directive 67/548/EEC.



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Legislation and regulations

The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242).

EH40/2005, Workplace exposure limits 2005, with amendments.

The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

COMMISSION DIRECTIVE 2013/10/EU of 19 March 2013 amending Council Directive 75/324/EEC on the approximation of the laws of the Member States relating to aerosol dispensers in order to adapt its labelling provisions to Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.
REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents.
REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products.

15.2. Chemical safety assessment

Chemical safety assessment performed

No

SECTION 16: Other information

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

EUH 208

EUH 210

List of relevant R-phrases (under headings 2 and 3).

R50 Very toxic to aquatic organisms.

R34 Causes burns.

R22 Harmful if swallowed.

List of relevant H-phrases (Section 2 and 3).

H302 Harmful if swallowed.

H400 Very toxic to aquatic life.

H314 Causes severe skin burns and eye damage.

EUH 210 Safety data sheet available on request.

EUH 208 Contains May produce an allergic reaction.

Training advice

No particular training or education is required but the user must be familiar with this SDS.

Information which has been added, deleted or revised

New safety data sheet.

Version

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