

SAFETY DATA SHEET

in accordance with Commission Regulation (EU) No. 1907/2006

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Compilation date: 02.09.2010

Revision date: 30.01.2017

Revision No: 5

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

1.1. Product identifier

Product name: KLEEN CATERING VANULAN

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

Use of substance / mixture: Manual Dishwashing Detergent - Neutral Cleaner for professional users

1.3. Details of the supplier of the safety data sheet

Company name: KLEEN PURGATIS GmbH

Dieselstraße 10

D - 32120 Hiddenhausen

Deutschland

Tel: +49 (0)5223 - 9970-40

*Fax: +49 (0)5223 - 9970-195

Email: info@kleen-purgatis.de

1.4. Emergency telephone number

Emergency tel: +49 (0)551 - 19240 (GIZ-Nord)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Eye Irrit. 2: H319; -: EUH208

Most important adverse effects: Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one.

May produce an allergic reaction.

Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Label elements under CLP:

Hazard statements: EUH208: Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P102: Keep out of reach of children.

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

[cont...]

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P101: Wash hands thoroughly after handling.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+313: If skin irritation or rash occurs: Get medical advice.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

SODIUM LAURYL ETHER SULFATE - REACH registered number(s): 01-2119488639-16-0000

EINECS	CAS	SCL	CLP Classification	Percent
500-234-8	68891-38-3	Eye Dam.1: C \geq 10% Eye Irrit.2: 5% \leq C<10%	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	5-15%

FATTY ACID AMIDOALKYLBETAINE

263-058-8	61789-40-0	-	Eye Irrit. 2: H319; Aquatic Chronic 3: H412	1-5%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Rinse mouth immediately and drink plenty of water. Consult a physician if problems persist.

Inhalation: No special measures are necessary.

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

Skin contact: An itchy rash may occur at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely.

Ingestion: Headaches or general malaise may result.

Inhalation: Not applicable.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Not applicable.

[cont...]

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5.3. Advice for fire-fighters

Advice for fire-fighters: not necessary.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: not necessary.

6.2. Environmental precautions

Environmental precautions: Dilute with water.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep away from food, drink and animal feedingstuffs. Storage class: 12 (Non-combustible liquids)

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.2. Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required.

Hand protection: not necessary.

Eye protection: not required.

Skin protection: Not applicable.

Environmental: No special requirement.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Yellow

[cont...]

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Odour: scented

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible

Viscosity: Viscous

Kinematic viscosity: 5,5 dPas

Viscosity test method: rotational viscometer, 20°C

Boiling point/range°C: No data available.

Melting point/range°C: Not applicable.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: Not applicable.

Vapour pressure: No data available.

Relative density: 1,04 g/ml

pH: 5,5

VOC g/l: <3%

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: No hazardous decomposition products if stored and handled as prescribed.

10.5. Incompatible materials

Materials to avoid: None known

10.6. Hazardous decomposition products

Haz. decomp. products: No hazardous decomposition products known.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

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SODIUM LAURYL ETHER SULFATE

ORL	RAT	LD50	>2000	mg/kg
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FATTY ACID AMIDOALKYLBETAINE

ORL	RAT	LD50	>4900	mg/kg
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Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: An itchy rash may occur at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely.

Ingestion: Headaches or general malaise may result.

Inhalation: Not applicable.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

SODIUM LAURYL ETHER SULFATE

ALGAE	72H EC50	27.7	mg/l
Daphnia magna	48H EC50	7.4	mg/l
FISCH	96H LC50	7.1	mg/l

FATTY ACID AMIDOALKYLBETAINE

Daphnia magna	LOEC	3,6	mg/l
Daphnia magna	NOEC	0,9	mg/l
Oncorhynchus mykiss	LOEC	0,5	mg/l
Oncorhynchus mykiss	NOEC	0,16	mg/l

12.2. Persistence and degradability

Persistence and degradability: The surfactant(s) contained in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: no data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

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12.6. Other adverse effects

Other adverse effects: The product has not been tested. Data apply to the components with the highest toxicological risk.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of waste according to applicable local, state and federal regulations.

Waste code number: 20 01 29

Disposal of packaging: May be reused following decontamination.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Data references: Safety data sheets from our raw material suppliers

Department issuing MSDS: Product Development Department;

Contact: Ms. Tiemann, Ms. Klumpe

Classification for mixtures and used evaluation method according to Article 9 of regulation (EC) 1272/2008 [CLP]:

Calculation method

Phrases used in s.2 and 3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

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.