

SAFETY DATA SHEET

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

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Compilation date: 07.09.2010

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Revision No: 4

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** KLEEN CATERING PRESTAN KLAR**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** Clear rinse 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 - 9970-50**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:** Eye Irrit. 2: H319;**Most important adverse effects:** Causes serious eye irritation.***2.2. Label elements****Label elements under CLP:****Hazard statements:** H319: Causes serious eye irritation.**Signal words:** Warning**Hazard pictograms:** GHS07: Exclamation mark**Precautionary statements:** P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice.

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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:

FATTY ALCOHOL ALCOXYLATE C12-18 - REACH registered number(s): -

EINECS	CAS	CLP Classification	Percent
-	-	Skin Irrit. 2: H315; Aquatic Chronic 3: H412; Aquatic Acute 1: H400; Eye Irrit. 2: H319	5-10%

FATTY ACOHOL ALCOXYLATE - REACH registered number(s): -

EINECS	CAS	CLP Classification	Percent
-	-	Eye Irrit. 2: H319	5-10%

ETHANOL - REACH registered number(s): 01-2119457610-43-0000

EINECS	CAS	CLP Classification	Percent
200-578-6	64-17-5	Flam. Liq. 2: H225	1-5%

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. Consult a doctor.

Ingestion: Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Consult a physician if problems persist.

Inhalation: Provide fresh air. In case of respiratory tract irritation, consult a physician.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The vision may become blurred.

Ingestion: There may be soreness and redness of the mouth and throat.

Delayed / immediate effects: Immediate effects can be expected after long-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.

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5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Advice for fire-fighters: not necessary. Collect contaminated fire extinguishing water seperately. This must not discharged into drains.

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: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Ventilate affected area. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

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

Hazardous ingredients:

ETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1920 mg/m ³	-	-	-

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: not necessary.

Eye protection: not required. Ensure eye bath is to hand.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: product specific
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Miscible
Viscosity: Non-viscous
Relative density: 1,002 g/ml **pH:** 7,5

9.2. Other information

Other information: Not applicable.

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

Toxicity values:

Route	Species	Test	Value	Units
Fatty alcohol alcoxylate: ORL	RAT	LD50	>2000	mg/kg

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The vision may become blurred.
Ingestion: There may be soreness and redness of the mouth and throat.

[cont...]

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

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Fatty alcohol alcoxylate:Leuciscus idus	48H LC50	>100	mg/l
Daphnia magna	24H EC50	>100	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.

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: 07 06 99

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.

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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

Phrases used in s.2 and 3: H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

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

Calculation method

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.