

## SAFETY DATA SHEET

in accordance with Commission Regulation (EU) No. 453/2010

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Compilation date: 06.09.2010

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Revision No: 2

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

#### 1.1. Product identifier

**Product name:** KLEEN CATERING PRESTAN K

#### 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 CHIP:** This product has no classification under CHIP.

#### 2.2. Label elements

**Label elements under CHIP:**

**Hazard symbols:** No significant hazard.

#### 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:**

CITRIC ACID

EINECS	CAS	CHIP Classification	CLP Classification	Percent

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201-069-1	77-92-9	Xi: R36	Eye Irrit. 2: H319	1-5%
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ALCOHOL ALCOXYLATE

-	166736-08-9	Xi: R36/38	Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-20%
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FATTY ALCOHOL ALCOXYLATE C12-18

-	-	Xi: R36/38; N: R50	Skin Irrit. 2: H315; Aquatic Acute 1: H400; Eye Irrit. 2: H319	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. 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.

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

**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**

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** not necessary. 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**

**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.

[cont...]

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**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 VCI: 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:** Not applicable.

**8.2. Exposure controls**

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** not necessary.

**Eye protection:** not required.

**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:** 1,027 g/ml

**pH:** 2,5

**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.

[cont...]

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**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
Alcoholalkoxylate: ORL	RAT	LD50	>2000	mg/kg
Citric acid: IHL	RAT	LD50	883	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.

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

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:**

Species	Test	Value	Units
Citric acid: Leuciscus idus	96H LC50	440	mg/l
Daphnia magna	48H EC50	85	mg/l
Alcohol alkoxylate: Leuciscus idus	96H LC50	10-100	mg/l
Water plants	72H EC50	10-100	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.

[cont...]

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**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.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* 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:** H315: Causes skin irritation.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R50: Very toxic to aquatic organisms.

[cont...]

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**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.