

## SAFETY DATA SHEET

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

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Compilation date: 30.08.2010

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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 PRO PICCOMAT DC

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

Use of substance / mixture: Workshop Cleaner for machine application 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: Skin Corr. 1A: H314

Most important adverse effects: Causes severe skin burns and eye damage.

## \*2.2. Label elements

## Label elements under CLP:

Hazard statements: H314: Causes severe skin burns and eye damage.

Signal words: Danger

Hazard pictograms: GHS05: Corrosion



Hazard components for labelling: Sodium hydroxide, Potassium triphosphate

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

P280: Wear protective gloves/eye protection.

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

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

[cont...]

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P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P309+311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor.

## 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:

POTASSIUM TRIPOLYPHOSPHATE - REACH registered number(s): -

EINECS	CAS	CLP Classification	Percent
237-574-9	13845-36-8	Met. Corr. 1: H290; Skin Irrit. 2: H315; Eye Irrit. 2: H319	5-10%

SODIUM CUMENESULFONATE - REACH registered number(s): -

EINECS	CAS	CLP Classification	Percent
248-983-7	28348-53-0	Eye Irrit. 2: H319	1-5%

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

EINECS	CAS	CLP Classification	Percent
-	120313-48-6	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 2: H411	1-2.5%

SODIUM HYDROXIDE -REACH registered number(s): 01-2119457892-27-0000

EINECS	CAS	CLP Classification	Percent
215-185-5	1310-73-2	Skin Corr. 1A: H314	<1%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with 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. Blistering may occur.

**Eye contact:** There may be irritation and pain. Corneal burns may occur.

**Ingestion:** Nausea and stomach pain may occur. Corrosive burns may appear around the lips.

**Inhalation:** Not applicable.

**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

[cont...]

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## 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:** Corrosive.

## 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:** Refer to section 8 of SDS for personal protection details.

### 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). Wash with plenty of water. Ventilate affected area. Refer to section 13 of SDS for suitable method of disposal.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 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: 8B (Non-combustible corrosive substances)

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** GISCODE: GG70

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

[cont...]

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## SODIUM HYDROXIDE

### Workplace exposure limits:

### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	2 mg/m <sup>3</sup>	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure storage room has retention walls.

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

**Hand protection:** Protective gloves. Suitable material: NR (natural rubber), CR (polychloroprene) or NBR (nitrile rubber), category III according to EN 374. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough time (maximal wear duration): Wear duration with occasional contact, splashes (Level 2: < 30 min): Disposable-gloves, Thickness of the material 0,1mm. Wear duration with permanent contact (Level 6: < 480min): Protective gloves, Thickness of the glove material 0,7 mm. Breakthrough times and swelling properties of the material must be taken into consideration.

**Eye protection:** Tightly fitting safety goggles.

**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-green

**Odour:** fresh

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible

**Relative density:** 1,087 g/ml

**pH:** 14

### 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.

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## 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
KTPP: ORL	RAT	LD50	>2000	mg/kg
Fatty alcohol ethoxylate: ORL	RAT	LD50	>2000	mg/kg

### Symptoms / routes of exposure

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

**Eye contact:** There may be irritation and pain. Corneal burns may occur.

**Ingestion:** Nausea and stomach pain may occur. Corrosive burns may appear around the lips.

**Inhalation:** Not applicable.

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

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
KTPP: Leuciscus idus	48H LC0	ca. 800	mg/l
Leuciscus idus	96H LC50	1-10	mg/l
Fatty alcohol ethoxylate: Water plants	72H EC50	0,1-1	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.

[cont...]

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## 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:** 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

### 14.1. UN number

**UN number:** UN1719

### 14.2. UN proper shipping name

**Shipping name:** CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide, Potassium triphosphate, sol.)  
LQ: 5l

### 14.3. Transport hazard class(es)

**Transport class:** 8

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## 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

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

**Phrases used in s.2 and 3:** H290: May be corrosive to metals.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

**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.