



# SAFETY DATA SHEET

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

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Compilation date: 08.07.2010

Revision date: 13.07.2015

Revision No: 4

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

### 1.1. Product identifier

Product name: KLEEN LAUNDRY PRODIL

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

Use of substance / mixture: Stain salt 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

Classification under CHIP: Xi: R41

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

P102: Keep out of reach of children.

P264: Wash hands thoroughly after handling.

P280: Wear eye protection.

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

[cont...]

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

P337+313: If eye irritation persists: 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 CARBONATE - REACH registered number(s): 01-2119485498-19-0000

EINECS	CAS	CLP Classification	Percent
207-838-8	497-19-8	Eye Irrit. 2: H319	>20%

SODIUM PERCARBONATE - REACH registered number(s): 01-2119457268-30

239-707-6	15630-89-4	Ox. Sol. 2: H272; Acute Tox. 4: H302; Eye Dam. 1: H318	>20%
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FATTY ALCOHOL ETHOXYLATE - REACH registered number(s): -

-	64425-86-1	Eye Dam. 1: H318; Aquatic Acute 1: H400	1-<2.5%
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SODIUM SILICATE - REACH registered number(s): 01-2119448725-31-0011

215-687-4	1344-09-8	Met. Corr. 1: H290; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT SE 3: H335	5-10%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Move affected person into 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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

[cont...]

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water spray. Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes. Oxidising.

### 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:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Take up mechanically. Wash the spillage site with large amounts of water.

### 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:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of dust in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Maximum storage temperature: 40°C / 104°F Storage class: 13 (Non-combustible solids) Keep away from food, drink and animal feedingstuffs.

**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.

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## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**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. Ensure eye bath is to hand.

**Skin protection:** Not applicable.

**Environmental:** No special requirement.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Powder

**Colour:** White

**Odour:** Characteristic odour

**Oxidising:** the preparation has oxidizing properties

**Solubility in water:** Soluble

**Relative density:** 950 g/l

**pH:** 10.8

### 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:** Heat.

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## 10.5. Incompatible materials

**Materials to avoid:** None known

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** Release of Hydrogen (H<sub>2</sub>) Oxygen

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
Sodium percarbonate: ORL	RAT	LD50	>1034	mg/kg
Sodium carbonate: 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 pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
Fatty alcohol ethoxylate: Pseudomonas putida	16H EC10	>10.000	mg/l
Brachydanio rerio	96H LC50	1-10	mg/l
Sodium carbonate: Lepomis macrochirus	96H LC50	300	mg/l
Daphnia magna	48H EC50	265	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.

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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

**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:** H272: May intensify fire; oxidiser.

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

[cont...]

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H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

**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.