

According to Regulation (EC) No 1907/2006

# Prestan CFO

Version number: 5.1  
Issued: 2025-03-04  
Replaces SDS: 2021-10-22



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

### 1.1. Product identifier

**Trade name**

Prestan CFO

**UFI code**

8S9E-JPKD-AX0S-06UP

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

**Relevant identified uses**

Dish detergent for professional users.

**Not suitable for use in**

All other uses are discouraged.

### 1.3. Details of the supplier of the safety data sheet

**Supplier**

KLEEN PURGATIS GmbH

Address

Dieselstraße 10  
32120 Hiddenhausen  
Germany

Telephone

+49 (0) 5223 9970-40

Email

info@kleen-purgatis.de

Fax

+49 (0) 5223 9970-195

Web site

www.kleenpurgatis.de

**Contact person**

Regulatory Affairs

**Email**

info@budich.de

### 1.4. Emergency telephone number

+49 (0)551 - 19240 (GIZ-Nord)

**Available outside office hours**

Yes

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

#### Classification

Skin corrosion, hazard category 1A

Serious eye damage, hazard category 1

#### Hazard statements

H314, H318

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal word

Danger

#### Hazard statements

H314 Causes severe skin burns and eye damage.

#### Precautionary statements

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

P280 Wear protective gloves/eye protection.

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

#### More information

Hazard components for labeling:  
sodium hydroxide

### 2.3. Other hazards

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Chemical name       | CAS No.<br>EC No.<br>REACH No.<br>Index No.                     | Concentration | Classification                                    | H-phrases<br>M factor acute<br>M factor chronic | Note                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------|---------------|---------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| sodium hydroxide    | 1310-73-2<br>215-185-5<br>01-2119457892-27-xxxx<br>011-002-00-6 | >40 - 60%     | Skin Corr. 1A                                     | H314<br>-<br>-                                  | Skin Corr. 1A;<br>H314: C ≥ 5 %<br>Skin Corr. 1B;<br>H314: 2 % ≤ C < 5 %<br>Skin Irrit. 2; H315:<br>0,5 % ≤ C < 2 %<br>Eye Irrit. 2; H319:<br>0,5 % ≤ C < 2 %; |
| sodium percarbonate | 15630-89-4<br>239-707-6<br>01-2119457268-30-xxxx<br>-           | 1 - <10%      | Ox. Sol. 3, Acute<br>Tox. 4 - oral, Eye<br>Dam. 1 | H272, H302,<br>H318<br>-<br>-                   | Eye Dam.1 >25%<br>Eye Irrit.2 ≥7,5%<br>-<25%<br>ATE (oral): 1034<br>mg/kg                                                                                      |

#### Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Description of first aid measures

First responders: Pay attention to self-protection.

#### Inhalation

Take the victim into fresh air. Get medical attention.

#### Skin contact

In case of contact, immediately flush skin with soap and plenty of water. Take off contaminated clothing and shoes immediately.

#### Eye contact

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

#### Ingestion

Do not induce vomiting. Drink water. Call physician immediately.

#### Information for doctors

Show this safety data sheet to the doctor in attendance.

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

### Inhalation

May cause throat irritation.

### Skin contact

Skin corrosion/irritation

### Eye contact

Causes eye burns.

### Ingestion

Causes burns. redness of the mouth and throat.

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

Treat symptomatically. For specialist advice physicians should contact the Poisons Information Service.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, dry powder, foam, carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

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

Hazardous decomposition products formed under fire conditions.

Corrosive .

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

In the event of fire, wear self contained breathing apparatus.

### Other

#### Other

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

Wear personal protective equipment. Ensure adequate ventilation, especially in confined areas.

Evacuate unaffected personnel from the spill area.

### 6.2. Environmental precautions

Dam up. The product should not be allowed to enter drains, water courses or the soil.

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

Use mechanical handling equipment. Rinse with water.

## 6.4. Reference to other sections

For information on storage and handling see section 7.

For information on exposure and personal protective equipment, see Section 8.

For information on incompatible materials, see Section 10.

For information on disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Wear personal protective equipment. Avoid direct contact with the material / product. Ensure adequate ventilation, especially in confined areas.

#### General hygiene

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

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

Keep away from food, drink and animal feeding stuffs. Store in a place accessible by authorized persons only.

Storage class according to TRGS 510: 8B (non-flammable, corrosive hazardous substances)

Store in original container. Storage temperature: 10 °C to 40 °C

### 7.3. Specific end use(s)

PC35 - Washing and cleaning products (including solvent based products)

See section 1.2: Dish detergent

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL

| Product/Substance name<br>(CAS No./EC No.)    | Type | Exposure                          | Value                   | Population | Effects |
|-----------------------------------------------|------|-----------------------------------|-------------------------|------------|---------|
| sodium hydroxide<br>(1310-73-2/215-185-5)     | DNEL | Chronic (long term)<br>Inhalation | 1 mg/m <sup>3</sup>     | Workers    | Local   |
| sodium percarbonate<br>(15630-89-4/239-707-6) | DNEL | Chronic (long term)<br>Inhalation | 5 mg/m <sup>3</sup>     | Workers    | Local   |
| sodium percarbonate<br>(15630-89-4/239-707-6) | DNEL | Chronic (long term)<br>Dermal     | 12.8 mg/cm <sup>2</sup> | Workers    | Local   |

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## PNEC/PEC

| Product/Substance name<br>(CAS No./EC No.)    | Type | Environmental compartment | Value      |
|-----------------------------------------------|------|---------------------------|------------|
| sodium percarbonate<br>(15630-89-4/239-707-6) | PNEC | Freshwater                | 0.035 mg/l |
| sodium percarbonate<br>(15630-89-4/239-707-6) | PNEC | Marine water              | 0.035 mg/l |
| sodium percarbonate<br>(15630-89-4/239-707-6) | PNEC | Sewage Treatment Plant    | 16.24 mg/l |

## 8.2. Exposure controls

### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

### Eye / face protection

Chemical-resistant safety glasses with side protection conforming to EN166.

### Hand protection

Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. The break through time depends amongst other things from the material, the thickness and the type of glove and therefore has to be measured for each case. The exact break through time can be obtained from the protective glove producer and this has to be observed.

### Other skin protection

Not applicable

### Respiratory protection

This type of personal protective equipment is not necessary under normal and foreseeable use of the product.

### Thermal hazards

Not applicable

## SECTION 9: Physical and chemical properties

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

#### Physical state

Powder

#### Colour

white

#### Odour

characteristic

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## Odour threshold

Not determined for the mixture.

## Melting point / freezing point

Not determined for the mixture.

## Boiling point or initial boiling point and boiling range

Not determined for the mixture.

## Flammability

Not applicable.

## Lower and upper explosion limit

Not applicable.

## Flash point

No data available

## Auto-ignition temperature

Not determined for the mixture.

## Decomposition temperature

Not determined for the mixture.

## pH

13

## **Method**

1 % aqueous solution

## Kinematic viscosity

Not determined for the mixture.

## Viscosity, dynamic

Not determined for the mixture.

## Solubility

No data available

## Water solubility

miscible

## Partition coefficient n-octanol/water

Not determined for the mixture.

## Vapour pressure

Not determined for the mixture.

## Density and/or relative density

1105 kg/m<sup>3</sup>

## **Method**

Bulk density

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## Relative vapour density

Not determined for the mixture.

## Evaporation Rate

Not determined for the mixture.

## Explosive properties

The product / mixture has no explosive properties.

## Oxidising properties

The product / mixture has no oxidizing properties.

## VOC %

<3%

## Particle characteristics

This product / mixture does not contain any nanomaterials or nanoforms as defined in Regulation (EC) 1907/2006.

## 9.2. Other information

Conductivity: 24 mS/cm (1%)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable at normal conditions

### 10.2. Chemical stability

The product is chemically stable.

### 10.3. Possibility of hazardous reactions

None under normal use.

### 10.4. Conditions to avoid

Protect from frost, heat and sunlight.

Protect from moisture.

### 10.5. Incompatible materials

Strong acids. Corrodes base metals.

### 10.6. Hazardous decomposition products

For information on combustion products, see Section 5.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicology data for the components

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## **Acute toxicity**

Based on the available data, the classification criteria are not met.

| Product / Sub-<br>stance name<br>CAS / EC no.         | Dose descriptor | Value / Dose      | Exposure route | Test animals | Remarks |
|-------------------------------------------------------|-----------------|-------------------|----------------|--------------|---------|
| sodium hydroxide<br>1310-73-2 /<br>215-185-5          | LD50            | 325 mg/kg bw      | Oral           | rat          | ECHA    |
| sodium per-<br>carbonate<br>15630-89-4 /<br>239-707-6 | LD50            | 1.034-2.000 mg/kg | Oral           | rat          | -       |
| sodium per-<br>carbonate<br>15630-89-4 /<br>239-707-6 | LD50            | > 2000 mg/kg      | Dermal         | rabbit       | -       |

## **Skin corrosion/irritation**

Skin corrosion, hazard category 1A

## **Serious eye damage/irritation**

Causes serious eye damage.

## **Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

## **Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

## **Carcinogenicity**

Based on the available data, the classification criteria are not met.

## **Reproductive toxicity**

Based on the available data, the classification criteria are not met.

## **STOT-single exposure**

Based on the available data, the classification criteria are not met.

## **STOT-repeated exposure**

Based on the available data, the classification criteria are not met.

## **Aspiration hazard**

Based on the available data, the classification criteria are not met.

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## 11.2. Information on other hazards

### Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute fish toxicity

| Product / Substance name<br>CAS / EC no.      | Measurement type | Value / Result | Duration of exposure | Species             |
|-----------------------------------------------|------------------|----------------|----------------------|---------------------|
| sodium percarbonate<br>15630-89-4 / 239-707-6 | LC50             | 70,7 mg/l      | 96 h                 | Pimephales promelas |

#### Acute crustacean toxicity

| Product / Substance name<br>CAS / EC no.      | Measurement type | Value / Result | Duration of exposure | Species            | Remark |
|-----------------------------------------------|------------------|----------------|----------------------|--------------------|--------|
| sodium hydroxide<br>1310-73-2 / 215-185-5     | EC50             | 40,4 mg/l      | 48 h                 | Ceriodaphnia dubia | ECHA   |
| sodium percarbonate<br>15630-89-4 / 239-707-6 | EC50             | 4,9 mg/l       | 48 h                 | Daphnia magna      | -      |

### 12.2. Persistence and degradability

No information available

#### Decay/transformation

No information available

### 12.3. Bioaccumulative potential

No information available

### 12.4. Mobility in soil

#### Mobility

No information available

### 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are classified as PBT or vPvB according to Article 57 / Annex XIII of the REACH regulation.

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## 12.6. Endocrine disrupting properties

The mixture / product does not contain any ingredients with endocrine disrupting properties in terms of regulations (EC) 1907/2006 and (EU) 2018/605 and the delegated regulation (EU) 2017/2100.

## 12.7. Other adverse effects

This product / mixture does not contain any substances within the meaning of Regulation (EC) No. 1005/2009 that deplete the ozone layer.

### Other

#### German Water Class

WGK1 - slightly water endangering

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Dispose of as hazardous waste in compliance with local and national regulations.

#### Packaging

Do not re-use empty containers. Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging : Dispose of as unused product.

| Waste code | Waste description                          |
|------------|--------------------------------------------|
| 20 01 29*  | detergents containing hazardous substances |

Please note - an asterisk (\*) next to a code denotes that it is HAZARDOUS WASTE.

## SECTION 14: Transport information

### 14.1. UN number

UN 1823

### 14.2. UN proper shipping name

#### ADR / RID / ADN proper shipping name

SODIUM HYDROXIDE, SOLID

#### IMDG proper shipping name

Sodium hydroxid, solid

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## 14.3. Transport hazard class(es)

### Label

ADR/RID/ADN



8

### ADR / RID Class

8

### ADR / RID Classification code

C6

### ADR / RID hazard identification number

80

### IMDG Class

8

### IATA Class

8

### ADN Class

8

### ADN Class Code

C6

## 14.4. Packing group

II

## 14.5. Environmental hazards

### IMDG Marine Pollutant

No

## 14.6. Special precautions for user

### Special precautions for user

Handle in accordance with good industrial hygiene and safety practice.

### IMDG EmS

F-A, S-B

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

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## Other

### Additional information ADR-RID

LQ: 1kg

EQ: E2

Transport category (tunnel restriction code): 2 (E)

## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No. 648/2004 (detergents)

Ingredients according to Annex VII: > 30 % phosphates, < 5 % oxygen-based bleaching agents, polycarboxylates.

Regulation (EC) No. 1272/2008 (CLP)

Regulation (EC) No. 1907/2006 (REACH)

Substances subject to authorization according to Annex XIV: No

Substance restrictions according to Annex XVII: No

Substances on the REACH candidate list (SVHC): No

Regulation (EU) No. 528/2012 (BPR)

Active ingredients: not applicable

Regulation (EU) 2019/1148 (explosives)

Restricted raw material according to Annex I: not applicable

Notifiable raw materials according to Annex II: not applicable

Directive 2011/65 / EU (ROHS 2)

Substance restrictions according to Annex II: not applicable

Regulation (EU) 2019/1021 (POP)

Persistent organic pollutants: not applicable

Directive 2012/18/EU (Seveso III)

Seveso hazard category: not applicable

#### National regulations

In addition, comply with all national and local regulations for the handling of chemicals.

#### Other regulations, limitations and legal regulations

Take note of Dir 94/33/EC on the protection of young people at work.

### 15.2. Chemical safety assessment

The mixture has not been subjected to a safety assessment.

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## SECTION 16: Other information

### Changes to previous revision

General update without changes.

### Abbreviations

ADN - European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
 ADR - The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 CAS - Chemical Abstract Service  
 CLP - Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL - Derived Minimum Effect Level  
 DNEL - Derived No Effect Level  
 EC50 - Half maximal effective concentration 50%  
 GHS - Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA - International Air Transport Association  
 IMDG - International Maritime Dangerous Goods  
 LC50 - Lethal concentration 50%  
 LD50 - Lethal dosis 50 %  
 MARPOL - International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" - marine pollution)  
 PBT - Persistent, bioaccumulative and toxic substance  
 PEC - Predicted Environmental Concentration  
 PNEC - Predicted No Effect Concentration  
 REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals  
 RID - The regulations concerning the International Carriage of Dangerous Goods by Rail  
 SVHC - Substance of Very High Concern  
 vPvB - Very persistent, very bioaccumulative substance

### References to key literature and data sources

REACH registration dossiers  
 ECHA C&L - Inventory  
 Safety data sheets from raw material suppliers

### Evaluation methods for classification

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

### Phrase meaning

Skin Corr. 1A - Skin corrosion, hazard category 1A  
 Eye Dam. 1 - Serious eye damage, hazard category 1  
 Ox. Sol. 3 - Oxidising solids, hazard category 3  
 Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4  
 H272 May intensify fire; oxidiser.  
 H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H318 Causes serious eye damage.

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## **Additional information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

## **Manufacturer's notes**

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.