

**1 Identification of the substance/preparation and of the company/undertaking**

- **Product details**
- **Trade name:** **PERGACLEAN**
- **Application of the substance / the preparation**  
For industrial use  
Cleaning material/ Detergent
- **Manufacturer/Supplier:** PERGAN GmbH  
Hilfsstoffe für industrielle Prozesse  
Schlavenhorst 71  
D-46395 Bocholt  
Tel: +49 2871 9902-0  
Fax: +49 2871 9902-50
- **Further information obtainable from:** Environment protection / Security of labour  
Competent person:  
\* Kathrin Bohland (Sales) e-mail: k.bohland@pergan.com  
\* Christoph Wilting (Environment protection / Security of labour) e-mail: c.wilting@pergan.com
- **Information in case of emergency:** - Tel: +49 2871 9902-0

**2 Hazards identification**

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:** The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**3 Composition/information on ingredients**

- **Chemical characterization**
- **Dangerous components:** Not applicable
- **Additional information:** For the wording of the listed risk phrases refer to section 16.


**4 First aid measures**

- **General information:** Take care of personal protection for the first aider.  
Immediately remove any clothing soiled by the product.
- **After inhalation:** Take affected persons into fresh air and keep quiet.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.

**5 Fire-fighting measures**

- **Suitable extinguishing agents:** CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:** Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** Do not inhale explosion gases or combustion gases.
- **Additional information** Self-protection first!

**6 Accidental release measures**

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Dilute with plenty of water.  
 Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/ collecting:** Absorb liquid components with liquid-binding material.

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· **Additional information:** No dangerous substances are released.

**7 Handling and storage**

- **Handling:**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Store away from foodstuffs, drinks and feeding stuffs.
- **Further information about storage conditions:**
- **Recommended storage temperature (To maintain quality):** +5 .... +30°C
- **Storage class:** -

**8 Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Not necessary if room is well-ventilated.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Protection of hands:** Only use chemical-protective gloves with CE-labelling of category III.
- **Material of gloves**  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.  
PVC or PE  
Butyl rubber, BR  
Nitrile rubber, NBR  
Rubber
- **Penetration time of glove material** The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**  Goggles recommended during refilling
- **Body protection:** Protective work clothing

**9 Physical and chemical properties**

· <b>General Information</b>	
· <b>Form:</b>	Fluid
· <b>Colour:</b>	pink
· <b>Odour:</b>	Characteristic
· <b>Change in condition</b>	
· <b>Melting point/Melting range:</b>	Undetermined.
· <b>Boiling point/Boiling range:</b>	100°C
· <b>Flash point:</b>	Not determined.
· <b>Self-igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Density at 20°C:</b>	1.06 g/cm³

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· Solubility in / Miscibility with water:	Fully miscible.
· pH-value:	11.5
· Segregation coefficient (n-octanol/water):	not determined

### 10 Stability and reactivity

- Dangerous reactions: No dangerous reactions known.
- Dangerous decomposition products: No hazardous decomposition products if used and stored according to specifications.

### 11 Toxicological information

- Acute toxicity:
- Primary irritant effect:
  - on the skin: No irritant effect.
  - on the eye: No irritant effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological information

- General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- Product:
- Recommendation
- Waste disposal key: Smaller quantities can be disposed of with household waste. Please contact your hazardous waste disposers to assign the right EWC-(European waste catalog)-number.
- Uncleaned packaging:
  - Recommendation: Disposal must be made according to official regulations.
  - Recommended cleansing agents: Water, if necessary together with cleansing agents.

### 14 Transport information

- Transport/Additional information: No dangerous good according the regulation of transport.

### 15 Regulatory information

- Labelling according to EU guidelines: Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- Safety phrases: 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

### 16 Other information

- This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- Department issuing MSDS: Environment protection / Security of labour
  - Contact: Tel: +49 2871 9902-0  
E-mail: mail@pergan.com