

# Safety Data Sheet

in accordance with 29 CFR 1910.1200(g)



## PEKASOL 2000

Print date: 29.09.2014

Product code: 11386-0008

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### 1. Identification

#### Product identifier

PEKASOL 2000

#### **Chemical characterization ( Mixture )**

Aqueous alkaline solution

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

Company name: pro Kühlsole GmbH  
Street: Am Langen Graben 37  
Place: D-52353 Düren  
Telephone: +49 2421 59196-0  
Telefax: +49 2421 59196-10  
Verantwortlich für das Sicherheitsdatenblatt: sds@gbk-ingelheim.de

Emergency phone number: Notrufnummer INTERNATIONAL: +49 (0) 6132 / 84463 (GBK GmbH, Ingelheim)

### 2. Hazard(s) identification

#### **Route(s) of Entry**

Skin and eye contact, inhalation and ingestion.

#### **Signs and Symptoms of Exposure**

OSHA Hazard Communication: This material is not considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

#### Hazards not otherwise classified

High risk of slipping due to leakage/spillage of product.

### 3. Composition/information on ingredients

#### Mixtures

### 4. First-aid measures

#### Description of first aid measures

##### **General information**

Remove contaminated soaked clothing immediately.  
In the event of persistent symptoms receive medical treatment.

##### **After inhalation**

Move to fresh air in case of accidental inhalation of vapours.  
In the event of symptoms refer for medical treatment.

##### **After contact with skin**

Wash off immediately with soap and plenty of water.  
Consult a doctor if skin irritation persists.

##### **After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Seek medical treatment by eye specialist.

##### **After ingestion**

Never give anything by mouth to an unconscious person. Do not induce vomiting.  
Rinse out mouth and give plenty of water to drink.  
Consult a physician.

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### **Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

## 5. Fire-fighting measures

### **Extinguishing media**

#### **Suitable extinguishing media**

Use fire fighting measures that suit the environment and products stored  
Alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water-spray.

#### **Unsuitable extinguishing media**

Full water jet.

### **Specific hazards arising from the chemical**

Fire may produce: Carbon monoxide and carbon dioxide Under certain fire conditions traces of other toxic substances cannot be excluded.

### **Special protective equipment and precautions for fire-fighters**

Use breathing apparatus with independent air supply.  
Wear full protective suit.

### **Additional information**

Collect contaminated fire-fighting water, avoid any release into the sewerage. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## 6. Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.  
Avoid contact with eyes, skin or mucous membrane.  
Use personal protective clothing.

### **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.  
Suppress gases/vapours/mists with water spray jet.

### **Methods and material for containment and cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).  
Shovel into suitable container for disposal.

### **Reference to other sections**

Information for disposal look up chapter 13.

## 7. Handling and storage

### **Precautions for safe handling**

#### **Advice on safe handling**

Do not inhale vapour/aerosol.  
Use only in thoroughly ventilated areas.  
Avoid contact with eyes, skin or mucous membrane.  
Ensure adequate ventilation, especially in confined areas.

#### **Advice on protection against fire and explosion**

No special precautions required.

### **Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.  
Keep only in original container.

#### **Advice on storage compatibility**

Keep away from food, drink and animal feeding stuffs.

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### Further information on storage conditions

Protect from frost.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure controls



#### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

#### Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Take off immediately all contaminated clothing.

#### Eye/face protection

Tightly fitting goggles.

Eye wash bottle with pure water.

#### Hand protection

Chemical-resistant gloves (EN 374).

Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration.

#### Skin protection

Long sleeved clothing.

#### Respiratory protection

No personal respiratory protective equipment normally required.

Breathing apparatus in the event of aerosol or mist formation.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Blue, Clear
Odor:	Odourless

#### Test method

pH-Value (at 20 °C):	8 - 9
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#### Changes in the physical state

Melting point/freezing point:	n.a.
Initial boiling point and boiling range:	approx. 100 °C
Flash point:	n.a.
Density (at 20 °C):	1,289 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	Completely miscible
Explosive properties	The product is not explosive.
Oxidizing properties	The product is not self-igniting.
Solvent content:	0 %

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### Other information

No data available.

## 10. Stability and reactivity

Stability: Stable  
Hazardous reactions: Will not occur

### Conditions to avoid

Protect from frost.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

Carbon monoxide and carbon dioxide

### Further information

No decomposition if stored and applied as directed.

## 11. Toxicological information

### Information on toxicological effects

#### **Acute toxicity**

Based on available data, the classification criteria are not met.  
Health injuries are not known or expected under normal use.

#### **Irritation and corrosivity**

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

#### **Sensitizing effects**

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

#### **Specific target organ toxicity (STOT) - single exposure**

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

#### **Severe effects after repeated or prolonged exposure**

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

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

#### **Aspiration hazard**

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

## 12. Ecological information

### Ecotoxicity

Ecological data are not available.

### Persistence and degradability

Liable to easy biological disintegration.

### Bioaccumulative potential

Not determined.

### Mobility in soil

Not determined.

### Results of PBT and vPvB assessment

Not determined.

### Other adverse effects

Slightly water hazardous.

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### Further information

Do not release undiluted or in higher quantities into the groundwater, sewage system or waters.

## 13. Disposal considerations

### Waste treatment methods

#### **Advice on disposal**

Should not be disposed of with household waste. Do not flush into surface water or sanitary sewer system. Where possible recycling is preferred to disposal. The waste code number must be agreed with the disposer / manufacturer / competent authority.

#### **Contaminated packaging**

Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

Cleaning agent: Water

## 14. Transport information

**Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN)**

### UN number:

Non hazardous material as defined by the transport regulations.

### UN proper shipping name:

Non hazardous material as defined by the transport regulations.

### Transport hazard class(es):

Non hazardous material as defined by the transport regulations.

### Packing group:

Non hazardous material as defined by the transport regulations.

### Environmental hazards

Non hazardous material as defined by the transport regulations.

### Special precautions for user

Non hazardous material as defined by the transport regulations.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Non hazardous material as defined by the transport regulations.

### **US DOT 49 CFR 172.101**

Proper shipping name: Not regulated.

## 15. Regulatory information

### U.S. Regulations

#### **National Inventory TSCA**

All of the components are listed on the TSCA inventory.

#### **SARA**

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

## 16. Other information

### **Hazardous Materials Information Label (HMIS)**

Health:	1
Flammability:	0
Physical Hazard:	0

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### NFPA Hazard Ratings

Health:	1
Flammability:	0
Reactivity:	0
Unique Hazard:	



### Changes

Changes in chapter: 4, 9, 15

### Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult Prescribing Information and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*