

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

**1.1. Product identifier**

Name of product SPEZIALREINIGER

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

No information available.

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

**Manufacturer/distributor**

TPH Bausysteme GmbH  
Nordportbogen 8, D-22848 Norderstedt  
Phone +49 (0)40 / 52 90 66 78-0, Fax +49 (0)40 / 52 90 66  
78-78  
E-Mail info@tph-bausysteme.com  
Internet www.tph-bausysteme.com

**Advice**

E-mail (competent person):  
sdb-info@tph-bausysteme.com

**1.4. Emergency telephone number**

**Emergency advice**

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

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]**

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Skin Corr. 1A	H314	
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**Hazard statements for health hazards**

H314 Causes severe skin burns and eye damage.

**Additional hints**

This mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

**2.2. Label elements**

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**



GHS05

**Signal word**

Danger

**Hazard statements for health hazards**

H314 Causes severe skin burns and eye damage.

## Precautionary Statements

### Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

### Response

P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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.

### Disposal

P501 Dispose of contents/container to local waste disposal company.

### Hazardous ingredients for labeling

sodium-hydroxide

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Description

Cleaner for injection pumps

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
1310-73-2	215-185-5	sodium-hydroxide	< 5	Skin Corr. 1A, H314

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

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

#### In case of inhalation

Ensure of fresh air.  
In the event of symptoms refer for medical treatment.

#### In case of skin contact

In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

#### In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

**In case of ingestion**

Call for a doctor immediately.  
Rinse out mouth and give plenty of water to drink.

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

No information available.

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

**Treatment (Advice to doctor)**

Treat symptoms.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Alcohol-resistant foam  
Dry powder  
Carbon dioxide  
Water spray jet

**Unsuitable extinguishing media**

Full water jet

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

no

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

**Additional information**

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

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**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Remove persons to safety.  
Use personal protective clothing.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.  
Do not discharge into the subsoil/soil.

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

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).  
After taking up the material dispose according to regulation.

**Additional Information**

Informations for disposal see chapter 13.

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**6.4. Reference to other sections**

No information available.

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Use only alkali-resistant equipment.

**General protective measures**

Avoid contact with eyes and skin

**Hygiene measures**

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Keep separated from food and feed.

Wash hands before breaks and after work.

**Advice on protection against fire and explosion**

No special measures necessary.

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

**Requirements for storage rooms and vessels**

Prevent penetration into the ground.

Keep only in original container.

**Advice on storage compatibility**

Store cool and at distance to acids.

**Further information on storage conditions**

Keep container tightly closed.

Storage temperature between 10°C to 30°C (=50°F to 86°F).

**7.3. Specific end use(s)**

No information available.

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**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No information available.

**8.2. Exposure controls**

**Respiratory protection**

no

**Hand protection**

Gloves (alkali-resistant)

**Eye protection**

tightly fitting goggles

**Other protection measures**

Alkali-resistant protective clothing



	Value	Temperature	at	Method	Remark
<b>Viscosity dynamic</b>	1 - 2 mPa*s	20 °C		DIN EN ISO 2555	
<b>Solvent separation test</b>	not applicable				
<b>Solvent content</b>	0 %				
<b>Water content</b>	> 90 %				
<b>Solids content</b>	< 10 %				
<b>Combustion value</b>	not applicable				
<b>Oxidising properties</b>	no				
<b>Explosive properties</b>	no				
<b>9.2. Other information</b>	no				

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No hazardous reactions known.

### 10.5. Incompatible materials

#### Substances to avoid

Reactions with acids.

### 10.6. Hazardous decomposition products

no

### Thermal decomposition

Remark No decomposition if used as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	not determined			
<b>LD50 acute dermal</b>	not determined			
<b>LC50 acute inhalation</b>	not determined			
<b>Skin irritation</b>	strong corrosive			
<b>Eye irritation</b>	strong corrosive			
<b>Skin sensitization</b>	non-sensitizing			
<b>Sensitization respiratory system</b>	non-sensitizing			

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	not determined			
<b>Subchronic Toxicity</b>	not determined			
<b>Chronic Toxicity</b>	not determined			
<b>Mutagenicity</b>	not determined			
<b>Reproduction-Toxicity</b>	not determined			
<b>Carcinogenicity</b>	not determined			

#### Specific target organ toxicity (single exposure)

No data available

#### Specific target organ toxicity (repeated exposure)

No data available

#### Aspiration hazard

No data available

#### Toxicity test (Additional information)

no

**Experiences made from practice**

Corrosive effect on skin and mucous membrane.  
Causes corrosions.  
Risk of strong eye injuries.  
Product may cause irreversible eye injuries.

**Additional information**

No toxicological data available.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicological effects**

	Value	Species	Method	Validation
<b>Fish</b>	LC50 45,4 mg/l (96 h)	Oncorhynchus mykiss		
<b>Daphnia</b>	EC50 40,4 mg/l (48 h)	Daphnia magna		
<b>Algae</b>	not determined			
<b>Bacteria</b>	not determined			

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	not determined			
<b>Biological degradability</b>				readily degradable
<b>Degradability</b>	not determined			
<b>Biological eliminability</b>	not determined			
<b>Degradability according to WRMG</b>	not determined			

**12.3. Bioaccumulative potential**

No specific test data available. No indications of critical characteristics.

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

**Behaviour in sewage plant**

The product is an alkaline solution. Neutralization is normally necessary before waste water is discharged into sewage treatment plants.



**Respiration inhibition of activated sludge**

	Value	Method	Remark
<b>EC 50</b>	not determined		

**Additional ecological information**

	Value	Method	Remark
<b>OC</b>	not determined		
<b>COD</b>	not determined		
<b>BOD</b>	not determined		
<b>AOX</b>	not applicable		

**Contains following heavy metals and compounds of the 76/464/EWG**

no

**General regulation**

Product is not allowed to be discharged into the ground water or aquatic environment.  
Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.  
The ecotoxic effect of the product has not been tested. The information on this is given on the basis of details in the literature.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Waste code No.	Name of waste
06 02 04*	sodium and potassium hydroxide

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

Neutralize with hydrochloric acid or sulphuric acid.  
Dilution with water.  
Remove in accordance with local official regulations.

**Recommendations for packaging**

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.

**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	1824	1824	1824
<b>14.2. UN proper shipping name</b>	SODIUM HYDROXIDE SOLUTION (sodium-hydroxide)	SODIUM HYDROXIDE SOLUTION (sodium-hydroxide)	Sodium hydroxide solution (sodium-hydroxide)

	ADR/RID	IMDG	IATA-DGR
<b>14.3. Transport hazard class(es)</b>	8	8	8
<b>14.4. Packing group</b>	II	II	II
<b>14.5. Environmental hazards</b>	No	No	No

**14.6. Special precautions for user**

No information available.

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

No information available.

**Land and inland navigation transport ADR/RID**

Hazard label(s) 8

tunnel restriction code E

Classification code C5

**SECTION 15: Regulatory information**

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

**National regulations**

**Other regulations, restrictions and prohibition regulations**

ZH 1/129 "Data Sheet: Irritating substances / corrosive substances (M 004)"

**Water hazard class** 1 Mixture-WGK

**15.2. Chemical Safety Assessment**

No information available.

**SECTION 16: Other information**

**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**Further information**

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 2.9

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