

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

**1.1. Product identifier**

**Name of product** SpaTime Pipework Cleaner / Detergente tubazioni  
411274

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

**Recommended intended purpose(s)**

Alkaline cleaner  
Desinfektionsmittel

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

**Manufacturer/distributor** BAYROL Deutschland GmbH  
Robert-Koch-Str. 4, D-82152 Planegg  
Phone +49 (0) 89 85701-0

**Advice**

E-mail (competent person):  
ASchwarzenboeck@bayrol.de

**1.4. Emergency telephone number**

**Emergency advice** Giftnotruf München (oder jedes andere Giftinformationszentrum)  
Phone +49 (0) 89 19240

**SECTION 2: Hazards identification**

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

**Classification according to 67/548/EEC or 1999/45/EC**

R31  
C; R34  
Xi; R36/37  
R52/53

**R-phrases**

31 Contact with acids liberates toxic gas.  
34 Causes burns.  
36/37 Irritating to eyes and respiratory system.  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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<b>Met. Corr. 1</b>	<b>H290</b>
<b>Skin Corr. 1B</b>	<b>H314</b>
<b>STOT SE 3</b>	<b>H335</b>
<b>Aquatic Chronic 3</b>	<b>H412</b>

**Hazard Statements**

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

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



GHS05



GHS07

### Signal word

Danger

### Hazard Statements

- H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

### Precautionary Statements

- P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P311 IF exposed or concerned: Call a POISON CENTER/doctor.  
P405 Store locked up.  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Hazardous ingredients for labeling

disodium metasilicate, troclosene sodium, dihydrate

### Supplemental Hazard information (EU)

Contact with acids liberates toxic gas.

### Special rules for supplemental label elements for certain mixtures

Warning! Do not use together with other products. May release dangerous gases (chlorine).

## 2.3. Other hazards

### Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
51580-86-0	220-767-7	troclosene sodium, dihydrate	2	Xn R22; R31; Xi R36/37; N R50-53
497-19-8	207-838-8	sodium carbonate	< 25	Xi R36
6834-92-0	229-912-9	disodium metasilicate	15 - 30	C R34; Xi R37

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
51580-86-0	220-767-7	troclosene sodium, dihydrate	2	Acute Tox. 4, H302 / Eye Irrit. 2, H319 / STOT SE 3, H335 / Aquatic Acute 1, H400 / Aquatic Chronic 1, H410
497-19-8	207-838-8	sodium carbonate	< 25	Eye Irrit. 2, H319
6834-92-0	229-912-9	disodium metasilicate	15 - 30	Skin Corr. 1B, H314 / STOT SE 3, H335

**REACH**

CAS No	Name	REACH registration number
51580-86-0	troclosene sodium, dihydrate	01-2119489371-33-xxxx
497-19-8	sodium carbonate	01-2119485498-19-XXXX
6834-92-0	disodium metasilicate	01-2119449811-37-XXXX

**Labelling for contents according to regulation (EC) No 648/2004, annex VII**

less than 5 % non-ionic surfactants

15 % or over but less than 30 % phosphates

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**General information**

Remove contaminated soaked clothing immediately and dispose it safely.

Symptoms of poisoning may not occur for hours, therefore medical supervision for at least 48 hours necessary.

Adhere to personal protective measures when giving first aid.

**In case of inhalation**

Remove the casualty into fresh air and keep him immobile.

If intensive inhalation of dust seek medical treatment immediately.

**In case of skin contact**

In case of contact with skin wash off immediately with plenty of water.

Refer for medical treatment.

**In case of eye contact**

Eye rinsing with water carefully while protecting unhurt eye.

Refer to medical treatment.

**In case of ingestion**

Do not induce vomiting.

Refer to medical treatment.

Rinse out mouth and give plenty of water to drink.

**4.2. Most important symptoms and effects, both acute and delayed**
**Physician's information / possible dangers**

After swallowing: burns in mouth, throat, oesophagus and gastrointestinal tract. Risk of perforation in the oesophagus and stomach.

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**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**

Product does not burn, fire-extinguishing activities according to surrounding.

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

In the event of fire the following can be released:

Chlorine (Cl<sub>2</sub>)

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

Use breathing apparatus with independent air supply.

Wear full protective clothing.

**Additional information**

Cool endangered containers with water spray jet.

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

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Avoid dust formation.

Use personal protective clothing.

**6.2. Environmental precautions**

Product should not be discharged in an undiluted or non-neutralized form into sewage or the environment

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

Flush away residues with water.

Take up mechanically.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Avoid the formation of dust.

**General protective measures**

Avoid contact with eyes and skin

Do not inhale dust.

**Hygiene measures**

Do not eat or drink when working.

Keep away from food and drink.

Wash hands before breaks and after work.

**Advice on protection against fire and explosion**

The product is not combustible.  
No special measures necessary.

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

**Requirements for storage rooms and vessels**

Keep only in original container.

**Advice on storage compatibility**

Do not store together with animal feedstuffs.  
Do not store together with food.

**Further information on storage conditions**

Keep container dry and tightly closed.

**Information on storage stability**

Storage time: 5 years.

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

**Recommendation(s) for intended use**

See section 1.2

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

**8.1. Control parameters**

**8.2. Exposure controls**

**Respiratory protection**

Dust mask

**Hand protection**

chemical-resistant gloves

Suitable materials (recommended: protection index 6, >480 minutes permeation time according to EN 374)

Nitrile-butadiene rubber (NBR) - 0.4 mm layer thickness

Butyl rubber (butyl) - 0.7mm layer thickness

In view of the many different types, the manufacturers' directions for use must be followed

**Eye protection**

Safety goggles

**SECTION 9: Physical and chemical properties**

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

**Appearance**

powder

**Colour**

white

**Odour**

characteristic

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	12,5	20 °C	10 g/l		
<b>Boiling temperature / boiling range</b>	not determined				

	Value	Temperature	at	Method	Remark
<b>Melting point / Freezing point</b>	not determined				
<b>Flash point</b>	not applicable				
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	not determined				
<b>Bulk density</b>	810 kg/m <sup>3</sup>				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	50 g/l	20 °C			
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity</b>	not determined				

**Oxidising properties**  
 No information available.

**Explosive properties**  
 No information available.

**9.2. Other information**  
 No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

Evolution of chlorine under influence of acids.

Reactions with metals, with evolution of hydrogen.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

#### Materials to avoid

Acid

### 10.6. Hazardous decomposition products

Chlorine

### Thermal decomposition

Remark No decomposition if used as directed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	1152 - 1349 mg/kg	rat		
<b>LD50 acute dermal</b>	> 5000 mg/kg	rat		
<b>Irritability skin</b>	corrosive			
<b>Irritability eye</b>	risk of strong eye injuries			

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Mutagenicity</b>	No data available			
<b>Reproduction-Toxicity</b>	No data available			
<b>Carcinogenicity</b>	No data available			

#### Experiences made from practice

After swallowing: burns in mouth, throat, oesophagus and gastrointestinal tract. Risk of perforation in the oesophagus and stomach.

Irritates respiratory tract.

**Additional information**

The declarations of toxicology refer to main component.

**SECTION 12: Ecological information**
**12.1. Toxicity**
**Ecotoxicological effects**

	Value	Species	Method	Validation
<b>Fish</b>	LC50 210 mg/l (96 h)	Brachidanio rerio		
<b>Daphnia</b>	EC50 1700 mg/l	Daphnia magna		

**12.2. Persistence and degradability**

**Biological degradability** > 90 % OECD 302 B  
 The organic component of the product is biodegradable.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**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.

**General regulation**

The information to ecology refers to main component.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Recommendations for the product**

Remove in accordance with local official regulations.

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWG) stipulates recycling as a requirement.

**Recommendations for packaging**

Uncontaminated packaging may be taken for recycling.

This material and its container must be disposed of as hazardous waste.

**Recommended cleansing agent**

Water

**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	3262	3262	3262



	ADR/RID	IMDG	IATA-DGR
<b>14.2. UN proper shipping name</b>	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (disodium metasilicate)	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (disodium metasilicate)	Corrosive solid, basic, inorganic, n.o.s. (disodium metasilicate)
<b>14.3. Transport hazard class(es)</b>	8	8	8
<b>14.4. Packing group</b>	III	III	III
<b>14.5. Environmental hazards</b>	No	No	No
<b>14.6. Special precautions for user</b>	No information available.		
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available.		
<b>Land and inland navigation transport ADR/RID</b>	Hazard label(s) 8 tunnel restriction code E Classification code C6		

## SECTION 15: Regulatory information

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

#### Other regulations (EU)

Please note:

Observe regulation 98/24/EC for employee health protection against the threat of chemical substances in the workplace. Regulation (EC) No 648/2004 (Detergents regulation).

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Biozide sicher verwenden. Vor Gebrauch stets Kennzeichnung und Produktinformation lesen.

### Further information

DK Poison Information Centre Bispebjerg Hospital Copenhagen NV Telefonnr. +45 82 12 12 12

FI Poison Information Centre Helsinki Puhelin +358 9 471 977

NO Poisons Information Directorate of Health and Social Affairs Telefon +47 22 59 13 00

SE Giftinformationscentralen (Swedish Poisons Information Centre) Karolinska Hospital Telefonnummer +46 8 33 12 31

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: 6.8

### Sources of key data used

Results of own researches and examinations

Literature informations

Toxicity studies, NIOSH-Tox-Data

National legislation and regulation

### Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 22 Harmful if swallowed.

- R 31 Contact with acids liberates toxic gas.  
R 34 Causes burns.  
R 36 Irritating to eyes.  
R 36/37 Irritating to eyes and respiratory system.  
R 37 Irritating to respiratory system.  
R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.