

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

**1.1. Product identifier**

**Name of product**

SpaTime Filter Cleaner  
Rez.-Nr 410332  
UFI : KW32-86AK-Q10P-VCSX

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

**Recommended intended purpose(s)**

Filter cleaner acidic.

**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):  
SDS@bayrol.eu

**1.4. Emergency telephone number**

NCEC, Phone (+44)(0)1865407333 ; Eitrunarmiðstöð  
Landspítalans (Icelandic University Hospital): 00 354 543  
22 22

**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. 1B	H314
Eye Dam. 1	H318
Aquatic Chronic 3	H412

**Hazard statements for health hazards**

H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.

**Hazard statements for environmental hazards**

H412 Harmful to aquatic life with long lasting effects.

**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.

**Hazard statements for environmental hazards**
**H412** Harmful to aquatic life with long lasting effects.

**Precautionary Statements**
**General**

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

P102 Keep out of reach of children.

**Prevention**

P280 Wear protective gloves/eye protection.

**Response**

P302 + P352 IF ON SKIN: Wash with plenty of water.

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.

**Disposal**

P501 Dispose of contents/ container to an approved waste disposal plant.

**Hazardous ingredients for labelling**

sulphamidic acid

**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.

**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 Regulation (EC) No 1272/2008 [CLP/GHS]
5329-14-6	226-218-8	sulphamidic acid	80 - 90	Eye Irrit. 2, H319 / Skin Irrit. 2, H315 / Aquatic Chronic 3, H412
68551-13-3	Polymer	Ethoxylated, propoxylated alcohols, C12 to C15	< 1	Aquatic Acute 1, H400 M=1

**REACH**

CAS No	Name	REACH registration number
5329-14-6	sulphamidic acid	01-2119488633-28-XXXX

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

less than 5 % non-ionic surfactants

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

Remove contaminated soaked clothing immediately.

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.

In the event of symptoms refer for medical treatment.

**In case of skin contact**

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

**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**

risk of strong eye injuries

**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.

Foam

Dry fire-extinguishing substance

sand

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

In the event of fire the following can be released:

Ammonia

Nitrogen oxides (NO<sub>x</sub>)

Sulphur dioxide (SO<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**

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

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

Dilute with plenty of water.

Neutralize with sodium carbonate or slaked lime.

**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**

No special measures necessary if used correctly.

Take the usual precautions when handling with chemicals.

**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 tightly closed.

Storage: cool and dry

Protect from sun.

**Information on storage stability**

Storage time: 5 years.

**Storage group** 8B

**7.3. Specific end use(s)****Recommendation(s) for intended use**

See section 1.2

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**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**

No information available.

**8.2. Exposure controls**
**Respiratory protection**

In case of dust formation wear micro dust mask.

**Hand protection**

chemical-resistant gloves

Suitable materials (recommended: protection index 6, &gt;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**

tightly fitting 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>	1,5		10 g/l		
<b>Boiling temperature / boiling range</b>	not determined				
<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				

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	Value	Temperature	at	Method	Remark
<b>Relative density</b>	not determined				
<b>Bulk density</b>	1200 kg/m <sup>3</sup>				
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	220 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.

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**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No information available.

**10.3. Possibility of hazardous reactions**

Reactions with oxidising agents.

Reactions with strong alkalis.

**10.4. Conditions to avoid**

No information available.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

Nitrous gases

Ammonia

Sulphur dioxide

**Thermal decomposition**

Remark

No decomposition below 200°C.

**SECTION 11: Toxicological information**
**11.1. Information on toxicological effects**
**Acute toxicity/Irritation/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 2000 mg/kg	rat		
<b>Skin irritation</b>	irritant			
<b>Eye irritation</b>	irritant			

**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			

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

No information available.

**12.2. Persistence and degradability**

	Elimination rate	Method of analysis	Method	Validation
<b>Biological degradability</b>	> 90 %			
	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 acid. Neutralization is normally necessary before a waste water is discharged into sewage treatment plants.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Waste code No.**

16 05 09

**Name of waste**

discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

**Recommendations for the product**

Remove in accordance with local official regulations.

Dispose of as hazardous waste.

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

**Recommendations for packaging**

Uncontaminated packaging may be taken for recycling.

**Recommended cleansing agent**

Water

**SECTION 14: Transport information**

	ADR/RID	IMDG	IATA-DGR
<b>14.1. UN number</b>	2967	2967	2967
<b>14.2. UN proper shipping name</b>	SULPHAMIC ACID	SULPHAMIC ACID	Sulphamic acid
<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

**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 C2

**SECTION 15: Regulatory information**
**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
**Other regulations (EU)**

Regulation (EU) 1272/2008 (CLP), Regulation (EU) 1907/2006 (REACH), DECISION 2000/532/EG (list of wastes)

Regulation (EC) No 648/2004 (Detergents regulation).

**VOC standard**
**VOC content**

0 %

**National regulations**

**Restriction of occupation**

Observe employment restrictions for young people.

Observe employment restrictions for mothers-to-be and nursing mothers.

**Other regulations, restrictions and prohibition regulations**

ZH 1/81 "Data Sheet for hazardous chemical substances"

ZH 1/124 "Plant instructions for working with hazardous substances (A 010)"

ZH 1/132 "Data Sheet: Skin protection (M 042)"

ZH 1/175 "Data Sheet for First Aid due to influence of hazardous chemical substances"

ZH 1/192 "Data Sheet for eye protection"

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

**Water hazard class** 1 self-classification

**15.2. Chemical Safety Assessment**

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

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**SECTION 16: Other information**

**Recommended uses and restrictions**

National and local regulations concerning chemicals shall be observed.

**Further information**

Refer to product information paper.

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: 5.2

**Sources of key data used**

Results of own researches and examinations

Literature informations

Toxicity studies, NIOSH-Tox-Data

National legislation and regulation

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.