

## SAFETY DATA SHEET

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

## 1.1 Product identifier

Product Name: SULPHITE TEST KIT-1  
Datasheet Number: 574913-Part1 2. 0. 0  
Product Part Number: 574913  
Head Office:: Wilhelmsen Ships Service AS  
Address: Strandveien 20, N1324 Lysaker, Norway, Tel:+ 47 67584550

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

## Reagent

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

Name of Supplier: For quotations contact your local Customer Services  
Address of Supplier: Wilhelmsen Ships Service AS  
Willem Barentszstraat 50  
3165AB Rotterdam  
+31 4877 888  
The Netherlands  
Telephone: +31 4877 777  
Fax:  
Responsible Person: , Product HSE Manager, Tel.: +31 10 4877775  
Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

## 1.4 Emergency telephone number

-ONLY TO BE USED IN CASE OF AN INCIDENT-  
NCEC: +44 1865 407333, CHEMTREC (800) 424 9300  
American Chemistry Council +1 703 527 3887,  
Greece +30 210 7793777  
Australia: +61 3 9630 0998  
Giftinformasjonssentralen in Norway Tel.: +47 22591300

**2 Hazards identification**

## 2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- This substance is covered by The Dangerous Substances Directive (67/548/EEC) as amended
- 
- Eye Irrit. 2
- Skin Irrit. 2
- Aquatic Chronic 3

## 2.2 Label elements

## 2 Hazards identification (....)



- Contains:

### Hazard phrases

- Causes skin irritation.
- Causes serious eye irritation.
- Harmful to aquatic life with long lasting effects.

### Precautionary Phrases

- Avoid release to the environment.
- Wash thoroughly after handling.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF ON SKIN: Wash with plenty of soap and water.
- Take off contaminated clothing and wash before reuse.
- Dispose of contents/container to an authorised waste collection point

### Risk Phrases

- Irritating to eyes and skin (R36/38)
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)

### 2.3 Other hazards

- Odour: Odourless
- Appearance: Tablets, white

## 3 Composition/information on ingredients

### 3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Sulphamidic acid	50-60%	5329-14-6	226-218-8	R52/53	Xi
CLP Classification:				H315 - H319	GHS07
Skin Irrit. 2, Eye Irrit 2, Aquatic Chronic 3				H412	

\*See Section 16

## 4 First aid measures

### 4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water.
- When in doubt or symptoms persist, seek medical attention
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.
- 
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## **4 First aid measures (....)**

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

- When in doubt or symptoms persist, seek medical attention
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Give plenty of water to drink
- Get medical advice/attention.

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

- In cases of severe exposure, breathing difficulty may develop
- In cases of severe exposure, coughing may develop
- In cases of severe exposure, irritation may develop
- The ingestion of significant quantities may cause gastro-intestinal disturbances

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

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## **5 Fire-fighting measures**

### **5.1 Extinguishing media**

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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

- Smoke from fires is toxic

### **5.3 Advice for firefighters**

- Substance evolves toxic fumes, wear self-contained breathing apparatus
  - Wear full protective clothing including chemical protection suit
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## **6 Accidental release measures**

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

- Wear protective clothing as per section 8
- Wash thoroughly after dealing with spillage

### **6.2 Environmental Precautions**

- Do not allow to enter public sewers and watercourses
- Do not flush spilt material into any public water system

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

- Wash thoroughly after dealing with spillage

### **6.4 Reference to other sections**

- None
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## **7 Handling and storage**

### **7.1 Precautions for safe handling**

- No special precautions are required for this product

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

- Keep cool. Protect from sunlight.
  - Avoid contact with metals
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## 7 Handling and storage (....)

- Keep away from moist air or water
- Recommended storage temperature between 20 and 5 °C

### 7.3 Specific end use(s)

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## 8 Exposure controls/personal protection

### 8.1 Control parameters

- Sulphamidic acid  
WEL (short term) 20 mg/m<sup>3</sup>  
WEL (long term) 10 mg/m<sup>3</sup>

### 8.2 Exposure controls

- No special precautions are required for this product

#### Occupational exposure controls

- Wear suitable dustmask e.g. to BS 2091
- Wear neoprene or nitrile gloves
- When handling this substance, e.g. sampling, wear goggles giving complete eye protection



Gloves



Goggles



Respirator

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Tablets, white, partly soluble in water
- pH 1,03 at 20°C - 40.8 g/l

### 9.2 Other information

- None
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## 10 Stability and reactivity

### 10.1 Reactivity

- This article is considered stable under normal conditions

### 10.2 Chemical stability

- This article is considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- Reacts with water liberating toxic fumes

### 10.4 Conditions to avoid

- Avoid overheating

### 10.5 Incompatible materials

- Incompatible with acids and alkalis
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## 10 Stability and reactivity (....)

- Incompatible with alkali metals
- Incompatible with oxidizing substances

### 10.6 Hazardous Decomposition Products

- Decomposition products may include nitrogen oxides
  - Decomposition products may include sulphur oxides
  - Decomposition products may include ammonia
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## 11 Toxicological information

### 11.1 Information on toxicological effects

- LD50 (oral,rat) (Sulphamic acid) - 3160 mg/kg

#### Inhalation

- Can cause damage to the respiratory system
- In cases of severe exposure, chemical oedema may develop

#### Contact with skin

- In cases of severe exposure, irritation may develop

#### Contact with eyes

- In cases of severe exposure, irritation may develop

#### Ingestion

- Not regarded as a potential route of exposure.

#### Carcinogenicity

- No evidence of carcinogenic effects
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## 12 Ecological information

### 12.1 Toxicity

- LC50 (fish) (Sulphamic acid) - 70,3 mg/l (96 hr)

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulation Potential

- No information available

### 12.4 Mobility in soil

- No information available

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.
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## 13 Disposal considerations

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### 13 Disposal considerations (....)

#### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

### 14 Transport information



Corrosive

#### 14.1 UN Number

- UN2967

#### 14.2 UN Proper Shipping Name

- SULPHAMIC ACID, mixture

#### 14.3 Transport hazard class(es)

- 8

#### 14.4 Packing group

- III

#### 14.5 Environmental hazards

- On available data, substance is not harmful to the environment

#### 14.6 Special precautions for user

- When supplied as part of a kit: The kit may be transported under classification UN3316 CHEMICAL KIT

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

- Not applicable

#### Other information

##### Road/Rail (ADR/RID)

Proper Shipping Name:	SULPHAMIC ACID, mixture		
ADR UN No.:	UN2967	ADR Hazard Class:	8
ADR Packing Group:	III	ADR subrisk:	n/a
ADR Flashpoint:	n/a		

##### Sea (IMDG)

Proper Shipping Name:	SULPHAMIC ACID, mixture		
IMDG UN No.:	UN2967	IMDG Hazard Class.:	8
IMDG Pack Group.:	III	IMDG EmS:	F-A, S-B
IMDG subrisk:	n/a	IMDG Flashpoint:	n/a

##### Air (ICAO/IATA)

Proper Shipping Name:	SULPHAMIC ACID, mixture		
ICAO Un No.:	UN2967	ICAO Hazard Class.:	8
ICAO Packing Group.:	III	ICAO subrisk:	n/a
ICAO Flashpoint:	n/a		

## 14 Transport information (....)

DOT / CFR (US Department of Transportation)

DOT Proper Shipping Name:	SULPHAMIC ACID, mixture		
Hazardous Material:	SULPHAMIC ACID		
Hazard Class:	8	Identification Number:	UN2967
Product RQ (lbs):	n/a	DOT subrisk:	n/a
DOT Flashpoint:	n/a		

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## 15 Regulatory information

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

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

15.2 Chemical Safety Assessment

None

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## 16 Other information

Text of R and S phrase codes used in this safety data sheet:- H315: Causes skin irritation.; H319: Causes serious eye irritation.; H412: Harmful to aquatic life with long lasting effects.; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The most up-to-date version of this MSDS can be found on [www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

### OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

For addresses of other Wilhelmsen Ships Service offices, please refer to [www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

Wilhelmsen Ships Service Level 1, 39 Park Street South Melbourne, Vic 3205 Australian Tel:+61 3 9630 0900  
Emergency 24hrs: +61 3 9630 0998

Wilhelmsen Ships Service INC 210 Edgewater Street US-10305 Staten Island New York United States Telephone  
daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268

Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California, United States  
Tel (+1) 562 624 8888 Fax (+1) 562 624 1011

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United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

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## 16 Other information (....)

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