

## SAFETY DATA SHEET

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

## 1.1 Product identifier

Product Name: **GAMAZYME 700FN**  
Datasheet Number: 571711r 1. 0. 0  
Product Part Number: 571711 (12 kg)  
Head Office:: Wilhelmsen Ships Service AS  
Address: Strandveien 20, N1324 Lysaker, Norway, Tel:(+47) 67 58 45 50

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

Seawage treatment, Cleaning agent

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

Name of Supplier: Wilhelmsen Ships Service AS  
Address of Supplier: Willem Barentszstraat 50  
3165AB Rotterdam  
The Netherlands  
Telephone: +31 10 4877 777  
Fax: +31 10 4877 888  
Responsible Person: Patrick Rijdsdijk, Product HSE Manager, Tel.:+31 6 349 440 35  
Email: patrick.rijdsdijk@wilhelmsen.com

## 1.4 Emergency telephone number

**\*\*ONL 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

**2 Hazards identification**

## 2.1 Classification of the substance or mixture

- Not classified as hazardous for supply

## 2.2 Label elements

- No hazard expected under normal conditions of use

## Risk Phrases

- Not applicable

## Safety Phrases

- Not applicable

## 2.3 Other hazards

- Odour: Characteristic odour
- Appearance: fibres, tan, partly soluble in water
- Contact with eyes: Prolonged exposure may cause abrasive irritation of the eyes
- Contact with skin: In cases of severe exposure, irritation may develop
- Inhalation: Prolonged exposure may cause abrasive irritation of the mucous membranes

## 2 Hazards identification (....)

- Ingestion: Not regarded as a potential route of exposure., The ingestion of significant quantities may cause gastro-intestinal disturbances

## 3 Composition/information on ingredients

### 3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases	Symbols
Viable bacterial cultures	5-10%	N/A	N/A	-	-
Other non classified ingredients	60-100				

## 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 substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- 
- 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
- Never make an unconscious person vomit or drink fluids
- When in doubt or symptoms persist, seek medical attention

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

- Possible redness and irritation of affected areas
- The ingestion of significant quantities may cause gastro-intestinal disturbances

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

## 5 Fire-fighting measures

### 5.1 Extinguishing media

- In case of fire use water, alcohol resistant foam, carbon dioxide or dry agent (S43)

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

- Smoke from fires is irritating. Take precautions to protect personnel from exposure

### 5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus

## 6 Accidental release measures

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

- Wear protective clothing as per section 8

### 6.2 Environmental Precautions

- No special precautions are required for this product

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

- Sweep or shovel-up spillage and remove to a safe place
- Ventilate the area and wash spill site after material pick-up is complete

### 6.4 Reference to other sections

- None
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## 7 Handling and storage

### 7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed

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

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
- Keep only in original container.
- Store in a well-ventilated place. Keep cool.

### 7.3 Specific end use(s)

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## 8 Exposure controls/personal protection

### 8.1 Control parameters

- There are no recommended or established controls for this product

### 8.2 Exposure controls

- No special precautions are required for this product

#### Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)



Gloves



Goggles

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
  - Appearance: fibres, tan, partly soluble in water
  - pH ~ 7 at 1 % concentration
  - Boiling point - not applicable
  - Vapour pressure - not known
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## 9 Physical and chemical properties (....)

- Melting point - not applicable
- Dispersible
- Density 700 kg/m<sup>3</sup>
- Combustible

### 9.2 Other information

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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

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Avoid overheating

### 10.5 Incompatible materials

- Incompatible with acids and alkalis
- Incompatible with oxidizing substances

### 10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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## 11 Toxicological information

### 11.1 Information on toxicological effects

- Non-toxic

#### Inhalation

- Mildly irritating to respiratory system

#### Contact with skin

- In cases of severe exposure, irritation may develop

#### Contact with eyes

- May cause irritation

#### Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances

#### Carcinogenicity

- No evidence of carcinogenic effects
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## 12 Ecological information

### 12.1 Toxicity

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## **12 Ecological information (...)**

### 12.2 Persistence and degradability

- The components in this product are readily biodegradable.

### 12.3 Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

### 12.4 Mobility in soil

- Dispersible

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other Adverse Effects

- Presents no hazard to the environment
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## **13 Disposal considerations**

### 13.1 Waste treatment methods

- No special precautions are required for this product

#### Classification

- EU Waste class: -
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## **14 Transport information**

### 14.1 UN Number

-

### 14.2 UN Proper Shipping Name

-

### 14.3 Transport hazard class(es)

-

### 14.4 Packing group

-

### 14.5 Environmental hazards

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

### 14.6 Special precautions for user

- Not classified as hazardous for transport

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

- Not applicable

#### Other information

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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.
  - Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
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## **15 Regulatory information (...)**

- This product is not classified as hazardous according to Directive 1999/45/EEC
- Not hazardous according to current The Dangerous Substances Directive (67/548/EEC)

### 15.2 Chemical Safety Assessment

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## **16 Other information**

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

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

### **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 Melbourn, 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

Wilhelmsen Ships Service INC 701 Ashland Ave. Ashland Center Two, Bay 12 US- 19032 Folcroft Pennsylvania  
United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States Telephone  
daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

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