

## SAFETY DATA SHEET

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

## 1.1 Product identifier

Product Name: GAMAZYME DIGESTOR  
Datasheet Number: 624015-r 1. 0. 0  
Product Part Number: 624015 (20 liter)  
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

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

**\*\*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

**2 Hazards identification**

## 2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

## 2.2 Label elements



Irritant

## Risk Phrases

- Irritating to eyes (R36)

## Safety Phrases

- Avoid contact with eyes (S25)
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear suitable gloves and eye/face protection (S37/39)

## 2.3 Other hazards

- Odour: Characteristic odour, Smells of lemon
- Appearance: Liquid, green, soluble in water
- Contact with eyes: Causes redness and irritation
- Contact with skin: In cases of severe exposure, redness and irritation may develop
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: 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
sodium alkyl (C10-13) benzenesulfonate	90-95%	68411-30-3	270-115-0	22, 38, 41	Xi
Viable bacterial cultures	5-10	-	-	-	-

\*See Section 16

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### 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.
- When in doubt or symptoms persist, seek medical attention
- 
- 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
- 
- Inhalation is unlikely to occur
- 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

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

- In cases of severe exposure, redness and irritation may develop
- 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

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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 irritating

#### 5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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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

- No special precautions are required for this product

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

- Flush spill area with copious amounts of water

#### 6.4 Reference to other sections

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### 7 Handling and storage

#### 7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed
- No special precautions are required for this product

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

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
- Do not store above 45 °C

#### 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 ventilation is required unless the product is used in a spray form

##### Occupational exposure controls

- Wear plastic or rubber gloves
- No respiratory protection is required unless subject to contact with substance mist
- Wear goggles giving complete eye protection



Gloves



Goggles

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### 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour, Smells of lemon
- Appearance: Liquid, green, soluble in water
- pH 4.7 - 5.3
- Boiling point >100 °C at 760 mm /Hg
- Vapour pressure - not known
- Freezing point <0 °C at 760 mm/Hg
- Completely soluble in water
- Specific gravity (water=1) 1

#### 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

- 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
- Avoid contact with acids and alkalis

#### 10.5 Incompatible materials

- Incompatible with oxidizing substances

#### 10.6 Hazardous Decomposition Products

- Decomposition products may include carbon dioxide
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## **11 Toxicological information**

### 11.1 Information on toxicological effects

- No experimental data available

#### Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

#### Contact with skin

- In cases of severe exposure, redness and irritation may develop

#### Contact with eyes

- Causes irritation

#### Ingestion

- In cases of severe exposure, gastro-intestinal disturbances may develop

#### Carcinogenicity

- No evidence of carcinogenic effects
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## **12 Ecological information**

### 12.1 Toxicity

### 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

- Completely soluble in water

### 12.5 Results of PBT and vPvB assessment

### 12.6 Other Adverse Effects

- Presents little or 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
- Disposal should be in accordance with local, state or national legislation

#### Classification

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

### 14.1 UN Number

- n/a

### 14.2 UN Proper Shipping Name

- n/a

### 14.3 Transport hazard class(es)

- n/a

### 14.4 Packing group

- n/a

### 14.5 Environmental hazards

### 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
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## **14 Transport information (....)**

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.
- Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:

- Methyl anthranilate	<5	%
- Anionic surfactants	5-15	%
- Geraniol	0.001-0.01	%
- EDTA	<5	%
- Benzisothiasolinone	<5	%
- Enzyme	<5	%

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:- R22: Harmful if swallowed; R38: Irritating to skin; R41: Risk of serious damage to eyes.

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