

## SAFETY DATA SHEET

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

Product Name: **GAMAZYME BUB**  
 Datasheet Number: 743179 4. 0. 0  
 Use of the substance/preparation: Cleaning agent  
 Product Part Number: 743179 (12 x 90 gram), 743161 (20 x 90 gram), 743153 (150 x 20 gram)  
 Name of Supplier: Wilhelmsen Ships Service AS  
 Address of Supplier: Willem Barentszstraat 50  
 3165AB  
 Rotterdam  
 The Neherlands  
 Telephone: +31 10 4877 777  
 Fax: +31 10 4877 888  
 Responsible Person: Patrick Rijsdijk, Product HSE Manager, Tel.: +31 6 349 440 35  
 Email: Patrick.Rijsdijk@Wilhelmsen.com  
 Name of Manufacturer: UNITOR CHEMICALS AS  
 Address of Manufacturer: P.O.Box 15  
 3141 Kjøpmannskjær  
 Norway.  
 Telephone: +47 333 515 00  
 Emergency Telephone: **\*\*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**

- Odour: Lemon odour
- Appearance: Tablets, blue, soluble in water
- Contact with eyes: Causes irritation
- Contact with skin: May cause irritation
- Inhalation: May cause irritation
- Ingestion: Not regarded as a potential route of exposure., May cause gastro-intestinal disturbances



Irritant

**3 Composition/information on ingredients**

| Chemical Name                    | Concentration | CAS Number | EC Number | R Phrases*            | Symbols |
|----------------------------------|---------------|------------|-----------|-----------------------|---------|
| Sodium dodecylbenzene sulphonate | 25 - 50       | 25155-30-0 | 246-680-4 | 22, 36/37/38          | Xn      |
| Perfume                          | 2.5 - 10      | 5329-14-6  | 226-218-8 | 10, 38, 43, 65, 52/53 | -       |
| Sodium chloride                  | 50 - 100      | 7647-14-5  | 231-589-3 | -                     | -       |
| Viable bacterial cultures        | <2.5          | -          | -         | -                     | -       |

### 3 Composition/information on ingredients (....)

\*See Section 16

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### 4 First aid measures

Contact with skin

- Wash affected area with plenty of soap and water
- Seek medical attention if irritation persists

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- Seek medical attention if irritation persists

Ingestion

- Never give anything by mouth to an unconscious person
- Give 200-300mls (half pint) water to drink
- Seek immediate medical attention

Inhalation

- Inhalation is unlikely to occur
- Remove patient to fresh air

General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
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### 5 Fire-fighting measures

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
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### 6 Accidental release measures

Personal Precautions

- Wear protective clothing as per section 8

Environmental Precautions

- No special precautions are required for this product

Clean Up Actions

- Sweep or shovel-up spillage and remove to a safe place
- Flush spill area with copious amounts of water

Special Precautions

- Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)
  - Wear protective clothing as per section 8
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### 7 Handling and storage

Handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)
- Eyewash bottles should be available

Storage

- Keep in a cool, dry, well ventilated place
  - Recommended storage temperature between 5 and 30 °C
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## 8 Exposure controls and personal protection

### Exposure Limits

- No exposure limits have been set for this substance

### 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

No Smoking

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## 9 Physical and chemical properties

- Odour: Lemon odour
  - Appearance: Tablets, blue, soluble in water
  - pH ~7.5 at 1 % concentration
  - Boiling point - not applicable
  - Vapour pressure - not applicable
  - Vapour density - not applicable
  - Completely soluble in water
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## 10 Stability and reactivity

- This article is considered stable under normal conditions
  - Avoid overheating
  - Incompatible with strong oxidizing substances, Incompatible with acids and alkalis
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## 11 Toxicological information

### Toxicological information

- No experimental data available

### Inhalation

- Inhalation is unlikely to occur
- In cases of severe exposure, burning sensation may develop

### Contact with skin

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

### Contact with eyes

- May cause pain

### Ingestion

- No effects for small dosage. Large dose effects not known
- May cause gastro-intestinal disturbances

### Carcinogenicity

- No evidence of carcinogenic effects
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## 12 Ecological information

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## 12 Ecological information (....)

### Ecotoxicity

- On available data, substance is not harmful to aquatic life

### Mobility

- Completely soluble in water

### Persistence and Biodegradability

- Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.
- If this substance is discharged at low concentrations into an adapted biological effluent treatment plant, the degrading action of the activated sludge will not be affected

### Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

### 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

### Classification

- EU Waste class: 06.01

### Disposal considerations

- Disposal should be in accordance with local, state or national legislation
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## 14 Transport information

### Transport information

- Not classified as hazardous for transport
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## 15 Regulatory information



Irritant

### Risk Phrases

- Irritating to eyes and skin (R36/38)

### Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
  - If swallowed seek medical advice immediately and show this container or label (S46)
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## 16 Other information

Text of R and S phrase codes used in this safety data sheet:- R10: Flammable; R22: Harmful if swallowed; R36/37/38: Irritating to eyes, respiratory system and skin; R38: Irritating to skin; R43: May cause sensitisation by skin contact; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment; R65: Harmful: may cause lung damage if swallowed.

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

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**16 Other information (....)**

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

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)

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

Anionic surfactants >30 %

Fragrance; Citronellol, D-limonene, Geraniol