

SAFETY DATA SHEET

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

Product Name: **GAMAZYME 700 FN**
 Datasheet Number: 571711 4. 0. 0
 Use of the substance/preparation: Cleaning agent, Sewage treatment
 Product Part Number: 571711 (12 kg)
 Name of Supplier: Wilhelmsen Maritime Services AS
 Address of Supplier: Willem Barentszstraat 50
 3165 AB Rotterdam-Albrandswaard, The Netherlands

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 Responsible Person: Leen de Visser, Product HSE Manager, Tel.: +31 6 538 63736
 Email: Leen.de.Visser@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: NCEC: +44 1865 407333, CHEMTREC (800) 424 9300
 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

2 Composition/information on ingredients

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

3 Hazards identification

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

4 First aid measures

Contact with skin

- Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
- When in doubt or symptoms persist, seek medical attention

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
- When in doubt or symptoms persist, seek medical attention

Ingestion

- Never give anything by mouth to an unconscious person
- Give plenty of water to drink
- Seek medical attention if ill effects occur

Inhalation

- Remove patient to fresh air
- Seek medical attention if ill effects occur

General

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

5 Fire-fighting measures

- Combustible
- Carbon oxides may be formed
- In case of fire use water, alcohol resistant foam, carbon dioxide or dry agent (S43)

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
- Ventilate the area and wash spill site after material pick-up is complete

Special Precautions

- No special precautions are required for this product

7 Handling and storage

Handling

- The usual precautions for handling chemicals should be observed

Storage

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

8 Exposure controls and personal protection

Exposure Limits

- There are no recommended or established controls for this product

Occupational exposure controls

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



Gloves



Goggles

9 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
- Melting point - not applicable
- Dispersible
- Density 700 kg/m³
- Combustible

10 Stability and reactivity

- Stable
- Avoid overheating, Avoid contact with acids and alkalis
- Incompatible with acids and alkalis, Incompatible with oxidizing substances
- See Section 5

11 Toxicological information

Toxicological information

- Non-toxic

Inhalation

- Mildly irritating to respiratory system

Contact with skin

- In cases of severe exposure, irritation may develop

11 Toxicological information (....)

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

Ecotoxicity

- This can be considered as an environmentally friendly product.

Mobility

- Dispersible

Persistence and Biodegradability

- The components in this product are readily biodegradable.

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Other Adverse Effects

- Presents no hazard to the environment
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13 Disposal considerations

Classification

- EU Waste class: -

Disposal considerations

- No special precautions are required for this product
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14 Transport information

- Not classified as hazardous for transport
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15 Regulatory information

Classification and labelling

- Not classified as hazardous for supply

Risk Phrases

- Not applicable

Safety Phrases

- Not applicable
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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

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)