

## SAFETY DATA SHEET

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

## 1.1 Product identifier

- Product Name: GAMAVAP
- Product Part Number: 719120 (25Ltr)

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

- Use of the substance/preparation:
- water treatment

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

Name of Supplier:

Head Office:

Wilhelmsen Ships Service AS  
Strandveien 20, N1324 Lysaker,  
Norway Tel: (47) 6349 440 35

Supplier:

Wilhelmsen Ships Service AS  
Willem Barentszstraat 50  
3165AB Rotterdam  
Telephone: +31 4877 777  
Fax: +31 4877 888  
The Netherlands

Other suppliers SEE SECTION 16!!!

For quotations contact your local Customer Services

- 
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

## 1.4 Emergency telephone number

Emergency Telephone: -ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+  
44 1865 407333, CHEMTREC (800) 424 9300  
American Chemistry Council +1 703 527 3887,  
Greece +30 210 7793777Australia: +61 3 9630 0998  
Giftinformasjonsentralen in Norway Tel.: +47 22591300  
Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998  
\*\*FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES\*\*

**SECTION 2 Hazards identification**

## 2.1 Classification of the substance or mixture

- Not Classified

## 2.2 Label elements

- Not applicable
- Hazard phrases
- Not applicable
- Precautionary Phrases  
Not applicable

## 2.3 Other hazards

- No hazard expected under normal conditions of use

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**SECTION 2 Hazards identification (....)**

- Not a PBT according to REACH Annex XIII
  - Appearance: Liquid, light, yellow, soluble in water
  - Odour: Characteristic odour
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**SECTION 3 Composition/information on ingredients**

## 3.1 Mixtures

- NONE CLASSIFIED INGREDIENTS  
Concentration: 100%  
CAS Number: Not applicable  
EC Number: Not applicable  
R/H Phrases: Not applicable  
Symbols: Not applicable  
Categories: Not applicable
- 

**SECTION 4 First aid measures**

## 4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
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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 (P305+P351+P338).
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- 
- Inhalation is unlikely to occur

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

- In cases of severe exposure, irritation may develop

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

- No information available
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**SECTION 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

- Not applicable

## 5.3 Advice for firefighters

- Wear Breathing Apparatus
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**SECTION 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

- Absorb spillage in earth or sand
  - No special precautions are required for this product
  - Wash spill site with water and detergent
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**SECTION 6 Accidental release measures (....)**

## 6.4 Reference to other sections

- None
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**SECTION 7 Handling and storage**

## 7.1 Precautions for safe handling

- Do not get in eyes, on skin, or on clothing (P262).

## 7.2 Conditions for safe storage, including any incompatibilities

- Protect from frost

## 7.3 Specific end use(s)

- Contact supplier for further information
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**SECTION 8 Exposure controls/personal protection**

## 8.1 Control parameters

- Not applicable

## 8.2 Exposure controls

- No special precautions are required for this product

## 8.3 Occupational exposure controls

- Wear goggles giving complete eye protection
  - Wear plastic or rubber gloves
  - Penetration time of glove material:  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
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**SECTION 9 Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Appearance: Liquid, pale yellow, miscible with water
- Odour: Odourless
- Boiling Point/Range: Boiling point 100 °C
- Density: Density 1.03 - 1.05 g/cm<sup>3</sup> at 20 deg C
- pH: pH 8-10

## 9.2 Other information

- No information available
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**SECTION 10 Stability and reactivity**

## 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

## 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

- No special precautions are required for this product

## 10.5 Incompatible materials

- None
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**SECTION 10 Stability and reactivity (....)**

## 10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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**SECTION 11 Toxicological information**

## 11.1 Information on toxicological effects

- LD50 (oral, rat) >3000 mg/kg

## 11.2 Contact with eyes

- In cases of severe exposure, irritation may develop

## 11.3 Contact with skin

- In cases of severe exposure, irritation may develop

## 11.4 Ingestion

- Not hazardous

## 11.5 Inhalation

- Not applicable
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**SECTION 12 Ecological information**

## 12.1 Toxicity

- LC50 (fish) (Polycarboxylate) >2500 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days <60 % (Polycarboxylate)
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

## 12.2 Persistence and degradability

- Not readily biodegradable

## 12.3 Bioaccumulation Potential

- Not applicable

## 12.4 Mobility in soil

- Completely soluble in water

## 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

## 12.6 Other Adverse Effects

- On available data, substance is not harmful to the environment
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**SECTION 13 Disposal considerations**

## 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- No special precautions are required for this product

## 13.2 Classification

- EU Waste class: n/a
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**SECTION 14 Transport information**

Not classified as hazardous for transport

## 14.1 UN

- UN No.: Not applicable
  - Proper Shipping Name: Not applicable
  - Hazard Class: Not applicable
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**SECTION 14 Transport information (....)**

- Packing Group: Not applicable
- 14.2 Environmental hazards
- Not Classified
- 14.3 Special precautions for user
- Not Classified
- 14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
- Not applicable
- 14.5 Road/Rail (ADR/RID)
- ADR UN No.: Not applicable
  - Proper Shipping Name: Not applicable
  - ADR Hazard Class: Not applicable
  - ADR Packing Group: Not applicable
- 14.6 Sea (IMDG)
- IMDG UN No.: Not applicable
  - Proper Shipping Name: Not applicable
  - IMDG Hazard Class: Not applicable
  - IMDG Pack Group.: Not applicable
  - IMDG EmS: Not applicable
- 14.7 Air (ICAO/IATA)
- ICAO Un No.: Not applicable
  - Proper Shipping Name: Not applicable
  - ICAO Hazard Class: Not applicable
  - ICAO Packing Group: Not applicable
- 14.8 DOT / CFR (US Department of Transportation)
- Identification Number: Not applicable
  - DOT Proper Shipping Name: Not applicable
  - DOT Labels: Not applicable
  - Product RQ (lbs): Not applicable
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**SECTION 15 Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
  - 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
  - Refer to current The Dangerous Substances Directive (67/548/EEC)
- 15.2 Chemical Safety Assessment
- None
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**SECTION 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 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

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**SECTION 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 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**

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