

SAFETY DATA SHEET

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

Product Name: **DEFOAMER CONCENTRATE**
Datasheet Number: 624314 6. 0. 0
Use of the substance/preparation: Sewage treatment
Product Part Number: 624314 (20 liter)
Head Office:: Wilhelmsen Ships Service AS
address: Strandveien 20, N1324 Lysaker, Norway, Tel:(+47) 67 58 45 50
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
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: Characteristic odour
- Appearance: Liquid, colourless to yellow, dispersible in water
- Contact with eyes: Mildly irritating to eyes
- Contact with skin: In cases of severe exposure, irritation may develop
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: May cause gastro-intestinal disturbances

Classification of the substance or mixture

- The product is not classified as hazardous according to directive 1999/45/EEC

Risk Phrases

- Not applicable

Safety Phrases

- Not applicable

3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Ethanol	<25%	98072-31-2	308-482-7	R53	-

*See Section 16

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
- Seek medical attention if irritation persists

4 First aid measures (....)

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical advice

Ingestion

- Never make an unconscious person vomit or drink fluids
- Do not induce vomiting
- Give water or milk to drink
- Seek medical advice

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

- Decomposition products may include carbon dioxide
 - In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
 - Wear Breathing Apparatus
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6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Spillage causes slippery surface

Environmental Precautions

- Use appropriate containment to avoid environmental contamination (S57)

Immediate Actions

- Shut off source of leak if safe to do so

Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete

Special Precautions

- Wear protective clothing as per section 8
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7 Handling and storage

Precautions for safe handling

- The usual precautions for handling chemicals should be observed

Conditions for safe storage, including any incompatibilities

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
 - Protect from frost
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8 Exposure controls/personal protection

Control parameters

- There are no recommended or established controls for this product

Exposure controls

- No special precautions are required for this product
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8 Exposure controls/personal protection (....)

Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
- No respiratory protection is required unless subject to contact with substance mist
- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists



Gloves



Suit

Goggles

9 Physical and chemical properties

- Odour: Characteristic odour
 - Appearance: Liquid, colourless to yellow, dispersible in water
 - Boiling point >100 °C at 760 mm /Hg
 - Emulsifies in water
 - Density 0,83 - 0,87 g/cm³ at 20 deg C
 - Viscosity 500 - 1500 mPa.s at 20 deg C
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10 Stability and reactivity

- No hazardous decomposition products known
 - Avoid overheating, Keep away from frost, Keep away from strong oxidizing substances (S14)
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11 Toxicological information

Information on toxicological effects

- LD50 (oral, rat) >2000 mg/kg
- LD50 (dermal) : >2000 mg/kg

Inhalation

- May cause irritation

Contact with skin

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

Contact with eyes

- May cause redness and irritation

Ingestion

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

Carcinogenicity

- No evidence of carcinogenic effects
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12 Ecological information

Ecotoxicity

- This product contains components which are classified in the EU as dangerous for the environment.
- On available data, substance is not harmful to aquatic life
- LC50 (fish) >100 mg/l (96 hr)

Persistence and degradability

- Not readily biodegradable
 - BOD₂₈/COD <60%
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12 Ecological information (....)

Bioaccumulation Potential

- No information available

Mobility in soil

- Emulsifies in water

Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
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13 Disposal considerations

Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
 - Disposal should be in accordance with local, state or national legislation
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14 Transport information

Special precautions for user

- Not classified as hazardous for transport
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15 Regulatory information

Classification and labelling

- Not classified as hazardous for users

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.
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16 Other information

Text of R and S phrase codes used in this safety data sheet:- R53: May cause long term adverse effects in the aquatic environment.

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