

SAFETY DATA SHEET

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

Product Name: **BOILER COAGULANT**
 Datasheet Number: 571331 8. 0. 0
 Use of the substance/preparation: Boiler water treatment
 Product Part Number: 571331 (25 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: Odourless
- Appearance: Liquid, pale yellow, soluble 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
Sodium Polyakrylat	5-10	9003-04-7	N/A	-	
other non classified ingredients	>90				

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

Contact with eyes

-

4 First aid measures (....)

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

- Seek medical attention if irritation persists

Ingestion

- Never make an unconscious person vomit or drink fluids
- Give water or milk to drink
- When in doubt or symptoms persist, seek 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

- Non combustible
 - None
 - Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
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6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

Immediate Actions

- Shut off source of leak if safe to do so

Methods and material for containment and cleaning up

- Flush spill area with copious amounts of water

Special Precautions

- Wear protective clothing as per section 8
 - No special precautions are required for this product
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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

Occupational exposure controls

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



Gloves



Suit



Goggles

9 Physical and chemical properties

- Odour: Odourless
 - Appearance: Liquid, pale yellow, soluble in water
 - pH 8.5 - 10 at 100 % concentration
 - 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) 1.04
 - Non combustible
-

10 Stability and reactivity

- No hazardous decomposition products known
 - Avoid overheating, Keep away from frost
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11 Toxicological information

Information on toxicological effects

- LD50 (dermal) : > 10000 mg/kg

Inhalation

- Inhalation is unlikely to occur

Contact with skin

- In cases of severe exposure, irritation may develop

Contact with eyes

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

Ingestion

- May cause gastro-intestinal disturbances

Carcinogenicity

- No evidence of carcinogenic effects
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12 Ecological information

Ecotoxicity

- LC50 (bluegill sunfish) 4750 mg/l (96 hr)

Persistence and degradability

- Most components in this product are not readily biodegradable.
- Sodium acrylate:
- Chemical oxygen demand (COD) 0.4 g/g
- Biological oxygen demand (BOD) 0.009 g/g

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Mobility in soil

- Completely soluble in water

Other Adverse Effects

- Presents little or no hazard to the aquatic environment
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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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13 Disposal considerations (....)

Classification

- EU Waste class: -
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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

- Not hazardous according to current The Dangerous Substances Directive (67/548/EEC)
 - 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

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