

SAFETY DATA SHEET

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

Product Name: **Aquagrade Rebuild Activator**
 Datasheet Number: 659250-A 2. 0. 0
 Use of the substance/preparation: Engineering Repair Compound
 Product Part Number: 659250
 Name of Supplier: Wilhelmsen Ships Service AS
 Address of Supplier: Willem Barentszstraat 50
 3165 AB Rotterdam-Albrandswaard, The Netherlands

 Telephone: +31 10 4877 777
 Fax: +31 10 4877 888
 Responsible Person: Patrick.Rijsdijk, Product HSE Manager, Tel.: +31 6 349 44035
 Email: Patrick.Rijsdijk@Wilhelmsen.com
 Name of Manufacturer: Wilhelmsen Ships Service AS
 Address of Manufacturer: Strandveien 20
 PO box 33
 NO-1324 Lysaker
 Norway
 Telephone: +47 22 67 584550
 Emergency Telephone: NCEC: +44 1865 407333, CHEMTREC (800) 424 9300
 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

2 Hazards identification

- Odour: Smells of ammonia
- Appearance: beige, paste, partly soluble in water
- Contact with eyes: Causes burning sensation
- Contact with skin: Causes burns (R34), May cause sensitisation by skin contact (R43)
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: Not regarded as a potential route of exposure., No information available but must be considered harmful



Corrosive

3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Phenol	<1	108-95-2	203-632-7	R23/24/25, 34, 48/20/21/22, 68	T, C
Cycloaliphatic amine	<10	2855-13-2	220-66-8	R21/22, 34, 43, 52/53	C
Aliphatic amine mixture	<30	68479-04-6	N/A	R34	C
Non classified ingredients	>60	-	-	-	-

*See Section 16

4 First aid measures

Contact with skin

- Contaminated clothing should be laundered before reuse
- Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water

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
- Obtain immediate medical attention

Ingestion

- Do not induce vomiting
- Give water or milk to drink
- Seek immediate medical attention

4 First aid measures (....)

Inhalation

- Remove patient to fresh air
- When in doubt or symptoms persist, seek medical attention

General

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

5 Fire-fighting measures

- Flash point >120 deg C (CC)
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

6 Accidental release measures

Personal Precautions

- Wear protective clothing as per section 8

Environmental Precautions

- Contain spillage by any means possible

Clean Up Actions

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

7 Handling and storage

Handling

- Wash thoroughly after use
- Ensure adequate ventilation
- When using do not eat, drink or smoke (S20/21)

Storage

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

8 Exposure controls and personal protection

Exposure Limits

Phenol

- TLV (TWA) 19 mg/m³ ()

Exposure controls

- No special precautions are required for this product

Occupational exposure controls

- Wear plastic or rubber gloves
- Wear goggles giving complete eye protection



Gloves



Goggles



No Smoking

9 Physical and chemical properties

- Odour: Smells of ammonia
- Appearance: beige, paste, partly soluble in water
- Alkaline
- Boiling point >220 °C at 760 mm /Hg
- Vapour pressure <16 mm /Hg
- Vapour density - not known
- Freezing point unknown
- Partially soluble in water
- Specific gravity 1.55 g/cm³
- Flash point >120 deg C (CC)
- Viscosity - not applicable, Thixotropic paste

10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating, Keep away from frost

11 Toxicological information

Toxicological information

- LD50 (oral,rat) >2000 mg/kg
- Prolonged skin or eye contact may cause chemical burns
- May cause sensitisation by skin contact (R43)

Carcinogenicity

- No evidence of carcinogenic effects

Mutagenicity

- Category 3 Mutagen

12 Ecological information

Ecotoxicity

- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)

Mobility

- Partially soluble in water.

Persistence and Biodegradability

- Not readily biodegradable

Bioaccumulation Potential

- No information available

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.

13 Disposal considerations

Disposal considerations

- 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

14 Transport information

Proper Shipping Name: Corrosive liquid, basic, organic, N.O.S.(Amine mixture)

UN

Proper Shipping Name:	Corrosive liquid, basic, organic, N.O.S.(Amine mixture)		
UN No.:	3267		
Hazard Class:	8	Packing Group:	III

Road/Rail (ADR/RID)

Proper Shipping Name:	Corrosive liquid, basic, organic, N.O.S.(Amine mixture)		
ADR UN No.:	3267		
ADR Hazard Class:	8	ADR Packing Group:	III
ADR subrisk:	N/A	ADR Flashpoint:	N/A

Sea (IMDG)

Proper Shipping Name:	Corrosive liquid, basic, organic, N.O.S.(Amine mixture)		
IMDG UN No.:	3267		
IMDG Hazard Class.:	8	IMDG Pack Group.:	III
IMDG EmS:	F-A,S-B	IMDG subrisk:	N/A
IMDG Labels:	8	IMDG Flashpoint:	N/A

Air (ICAO/IATA)

Proper Shipping Name:	Corrosive liquid, basic, organic, N.O.S.(Amine mixture)		
ICAO Un No.:	3267		
ICAO Hazard Class.:	8	ICAO Packing Group.:	III
ICAO subrisk:	N/A	ICAO Labels:	8
ICAO Flashpoint:	N/A		

DOT / CFR (US Department of Transportation)

DOT Proper Shipping Name:	Corrosive liquid, basic, organic, N.O.S.(Amine mixture)		
Hazardous Material:	Amine mixture		
Hazard Class:	8	Identification Number:	UN3267
Product RQ (lbs):	N/A	DOT subrisk:	N/A
DOT Labels:	8	DOT Flashpoint:	N/A

15 Regulatory information

15 Regulatory information (....)



Corrosive

Risk Phrases

- Irritating to eyes and skin (R36/38)
- May cause sensitisation by skin contact (R43)
- Possible risk of irreversible effects (R68)

Safety Phrases

- Keep locked up and out of reach of children (S1/2)
- Avoid contact with skin and eyes (S24/25)
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- After contact with skin, wash immediately with plenty of soap and water (S28)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
- Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R21/22: Harmful in contact with skin and if swallowed; R23/24/25: Toxic by inhalation, in contact with skin and if swallowed; R34: Causes burns; R43: May cause sensitisation by skin contact; R48/20/21/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment; R68: Possible risk of irreversible effects.

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 Safety Data Sheets Directive (2001/58EC)