
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: ZINC COAT CONDITIONER
- Product Part Number: 661801 (25 liter), 625558 (210 liter)

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

- Cleaning agent

1.3 Details of the supplier of the safety data sheet

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, Tel.: +31 10 4877775
Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

1.4 Emergency telephone number

-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 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

- The product is not classified as hazardous according to directive 1999/45/EEC
- Not hazardous according to current The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Not Classified

2.2 Label elements

- None
- Hazard phrases
Not applicable
- Precautionary Phrases

SECTION 2 Hazards identification (....)

Not applicable

2.3 Other hazards

- 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: The ingestion of significant quantities may cause gastro-intestinal disturbances
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SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- Non classified ingredients
 - Concentration: 100%
 - CAS Number: Not applicable
 - EC Number: Not applicable
 - R/H Phrases: Not applicable
 - Symbols: Not applicable
 - Categories: Not applicable
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SECTION 4 First aid measures**4.1 Description of first aid measures**

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- Contaminated clothing should be laundered before reuse
- Seek medical attention if irritation persists
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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).
- Seek medical attention if irritation persists
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- When in doubt or symptoms persist, seek medical attention
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- Inhalation is unlikely to occur
- If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P341).

4.2 Most important symptoms and effects, both acute and delayed

- Possible irritation of affected areas
- The ingestion of significant quantities may cause gastro-intestinal disturbances

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

- Smoke from fires is irritating

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

- Flush spill area with copious amounts of water

6.4 Reference to other sections

- None
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed

7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place. Store in a closed container (P402+P404).
- Store in a well-ventilated place (P403).

7.3 Specific end use(s)

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

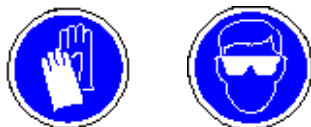
8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls

- No special precautions are required for this product

8.3 Occupational exposure controls



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

- Odour: Odourless
- Appearance: Liquid, pale yellow, soluble in water
- pH 5.2 - 5.7 at 100 % concentration
- Density: Density 1,00 - 1,02 g/cm³ at 100 deg C
- Boiling point >100 °C to 760 °C
- Completely soluble in water

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

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

- Avoid overheating
- Keep away from frost

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon dioxide
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available

11.2 Contact with eyes

- In cases of severe exposure, redness may develop

11.3 Contact with skin

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

11.4 Ingestion

- No effects for small dosage. Large dose effects not known
- The ingestion of significant quantities may cause gastro-intestinal disturbances

11.5 Inhalation

- Not hazardous
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SECTION 12 Ecological information

12.1 Toxicity

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

12.2 Persistence and degradability

- Degrades by hydrolysis

12.3 Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

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

- Presents little or no hazard to the aquatic environment
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SECTION 13 Disposal considerations

SECTION 13 Disposal considerations (....)

13.1 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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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
- Packing Group: Not applicable

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not classified as hazardous for transport

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

- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
 - Not hazardous according to current The Dangerous Substances Directive (67/548/EEC)
 - Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
 - Refer to The Dangerous Substances Directive (67/548/EEC)
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SECTION 15 Regulatory information (....)

This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
15.2 Chemical Safety Assessment

- None

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

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

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

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