

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: **NITRITE NO.1 TABLETS**
 Datasheet Number: **555623-2R 1. 0. 0**
 Product Part Number: **555623**
 Head Office:: **Wilhelmsen Ships Service AS**
 Address: **Strandveien 20, N1324 Lysaker, Norway, Tel: (+47) 67 58 45 50**

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

Reagent

1.3 Details of the supplier of the safety data sheet

Name of Supplier: For quotations contact your local Customer Services
 Address of Supplier: Wilhelmsen Ships Service AS
 Willem Barentszstraat 50
 3165AB Rotterdam
 +31 4877 888
 The Netherlands
 Telephone: +31 4877 777
 Fax:
 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 7793777
 Australia: +61 3 9630 0998
 Giftinformasjonssentralen in Norway Tel.: +47 22591300

2 Hazards identification

2.1 Classification of the substance or mixture

- 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
- Eye Dam. 1

2.2 Label elements



- Signal Word: Danger
- Symbols: Xi, GHS05

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2 Hazards identification (....)

Hazard phrases

- Causes serious eye damage.

Precautionary Phrases

- Wear protective gloves/protective clothing/eye protection/face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor/physician.

Risk Phrases

- Risk of serious damage to eyes (R41)

Safety Phrases

- Avoid contact with skin (S24)
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear eye/face protection (S39)
- This material and its container must be disposed of as hazardous waste (S60)

2.3 Other hazards

- Odour: Odourless
- Appearance: Tablets, white, soluble in water
- Contact with skin: In cases of severe exposure, irritation may develop
- Ingestion: Not regarded as a potential route of exposure., The ingestion of significant quantities may cause gastro-intestinal disturbances

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Sodium bisulfate	50-60%	7681-38-1	231-665-7	R41, H318	Xi, GHS05

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- Inhalation is unlikely to occur
- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Give plenty of water to drink
- Never make an unconscious person vomit or drink fluids
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Irrigate eyes thoroughly whilst lifting eyelids
- IF ON SKIN: Wash with plenty of soap and water.
-
- IF exposed or concerned: Get medical advice/attention.
- If medical advice is needed, have product container or label at hand.

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4 First aid measures (....)

4.2 Most important symptoms and effects, both acute and delayed

- May cause coughing
- The ingestion of significant quantities may cause damage to mucous membranes
- May cause breathing difficulty
- The ingestion of significant quantities may cause gastro-intestinal disturbances
- The ingestion of significant quantities may cause ataxia

4.3 Indication of immediate medical attention and special treatment needed

n/a

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 toxic
- See Section 10

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
-

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental Precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Sweep or shovel-up spillage and remove to a safe place

6.4 Reference to other sections

- See Section 5 and 10
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7 Handling and storage

7.1 Precautions for safe handling

- Proper chemicals handling procedures should be adopted
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place

7.3 Specific end use(s)

8 Exposure controls/personal protection

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8 Exposure controls/personal protection (....)

8.1 Control parameters

- Sodium bisulfate

There are no recommended or established controls for this product

8.2 Exposure controls

- No special precautions are required for this product

Occupational exposure controls

- Wear plastic or rubber gloves
- When handling this substance, e.g. sampling, wear goggles giving complete eye protection



Goggles



Gloves

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Tablets, white, soluble in water
- pH <2 at 1 % concentration

9.2 Other information

- None

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

- Reacts with water liberating hydrogen
- Reacts with water liberating acidic and toxic gases

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

- Incompatible with oxidizing substances
- Incompatible with alcohols
- Incompatible with acid
- Avoid contact with metals

10.6 Hazardous Decomposition Products

- Decomposition products may include sulphur oxides

11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available

Inhalation

- Not applicable

Contact with skin

- In cases of severe exposure, severe irritation may develop

Contact with eyes

- Causes severe irritation

Ingestion

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

Carcinogenicity

- No evidence of carcinogenic effects

Teratogenicity

- No evidence of reproductive effects

Mutagenicity

- No evidence of mutagenic effects
-

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 is insignificant

12.4 Mobility in soil

- Dispersible

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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13 Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container 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: 16 05 06

14 Transport information

14.1 UN Number

- -

14.2 UN Proper Shipping Name

- -

14.3 Transport hazard class(es)

- -

14.4 Packing group

- -

14.5 Environmental hazards

- On available data, substance is not harmful to the environment

14.6 Special precautions for user

- Not classified as hazardous for transport

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

Other information

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 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.
- This substance is covered by Gefährliche-Stoffe-Verordnung as amended
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

15.2 Chemical Safety Assessment

None

16 Other information

Text of R and S phrase codes used in this safety data sheet:- H318: Causes serious eye damage.; R41: Risk of serious damage to eyes.

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

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16 Other information (....)

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 information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

For addresses of other Wilhelmsen Ships Service offices, please refer to www.wilhelmsen.com/shipsservice

Wilhelmsen Ships Service Level 1, 39 Park Street South Melbourne, Vic 3205 Australian Tel: +61 3 9630 0900
Emergency 24hrs: +61 3 9630 0998

Wilhelmsen Ships Service INC 210 Edgewater Street US-10305 Staten Island New York United States Telephone
daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268

Wilhelmsen Ships Service INC 701 Ashland Ave. Ashland Center Two, Bay 12 US- 19032 Folcroft Pennsylvania
United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States Telephone
daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

Wilhelmsen Ships Service Ltd. Unit 3A NewtonsCourt Crossways DA2 6QL Dartford, Kent United Kingdom Tel
(+44) 1322 282 412 Fax (+44) 1322 284 774

Wilhelmsen Ships Service Ltda Rua Bispo Lacerda nos.61/67 Del Catilho BR 21051120 Rio de Janeiro Brazil Tel
(+55) 21 25 82 8000 Fax (+55) 21 25 82 8001

Wilhelmsen Ships Service (S) Pte Ltd 186 Pandan Loop Singapore 128376 Tel (+65) 6395 4545

Wilhelmsen Ships Service Co., Ltd 12-31 Torihama-cho Kanazawa-ku Yokohama-shi JP-236 0002, Japan Tel
(+81) 45 775 0012 Fax (+81) 45 775 0070

Wilhelmsen Ships Service Hellas SA 100, D. Moutsopoulou & Serifou str GR-185 41 Piraeus Greece Tel (+ 30)
210 4239100 Fax (+ 30) 210 4212480

WMS AS U.A.E. Fl 24 Executive Heights, Tecom C Sheikh Zayed Road (East) Dubai United Arab Emirates Tel
(+971) 4 382 3888

