
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: NITROGEN
- Product Part Number: (905602) N1050, N1030 (905232), N5050 (905601), N5045 (905600), N5030 (905208)

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

- Use of the substance/mixture:
- Gas for inerting

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentszstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: +31 4877 777 Fax: +31 4877 888
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- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
- Other suppliers SEE SECTION 16!!!
- For quotations contact your local Customer Services
-
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
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- International 24hrs Emergency NCEC:+ 44 1865 407333
- American Chemistry Council 24hrs +1 703 527 3887
- Greece: Poisoning emergency center, +30 210 7793777
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Not classified as hazardous for users
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Signal Word: Warning
- Symbols: GHS04
- Press. Gas
- Contains gas under pressure; may explode if heated (H280).

2.2 Label elements

SECTION 2 Hazards identification (....)

- Signal Word: Warning
- Pressurized container
-
- Contains:
- NITROGEN
- Hazard phrases
 - Contains gas under pressure; may explode if heated (H280).
- Precautionary Phrases
 - Store in a well-ventilated place (P403).

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Not applicable

SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- Nitrogen
 - Concentration: 99,9%
 - CAS Number: 7727-37-9
 - EC Number: 231-783-9
 - R/H Phrases: H280
 - Symbols: GHS04
 - Categories: Press. Gas

SECTION 4 First aid measures**4.1 Description of first aid measures**

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- Apply artificial respiration only if patient is not breathing
- Get immediate medical advice/attention (P315).
- Rescuers should put on approved respiratory protection before entering the area to render first aid

4.2 Most important symptoms and effects, both acute and delayed

- In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Asphyxiant

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

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

- Pressurized container
- Inform Fire Brigade of potential danger of exploding and rocketing cylinders

5.3 Advice for firefighters

SECTION 5 Fire-fighting measures (....)

- Keep container(s) exposed to fire cool, by spraying with water
 - Wear Breathing Apparatus
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area
- In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus

6.2 Environmental Precautions

- No special precautions are required for this product

6.3 Methods and material for containment and cleaning up

- Shut off source of leak if safe to do so
- Allow product to evaporate
- Ventilate area

6.4 Reference to other sections

- See Section 13
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Use proper hoisting equipment

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 deg C

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

- Nitrogen
No exposure limits have been set for this substance

8.2 Exposure controls

- No special requirements

8.3 Occupational exposure controls



- In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus
 - Wear safety boots when handling cylinders.
 - Wear suitable filter lenses when welding / cutting.
 - Wear leather gloves, boots and apron
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
 - Appearance: Compressed gas
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SECTION 9 Physical and chemical properties (....)

Boiling point -190 °C to 760 °C

- Vapour density (air = 1) 0,97
- Melting point -210 °C to 760 °C
- Water solubility 20 mg/l

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

- No information available

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available

11.2 Contact with eyes

- Not applicable

11.3 Contact with skin

- Not applicable

11.4 Ingestion

- Not applicable

11.5 Inhalation

- Asphyxiant
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SECTION 12 Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- This substance is volatile

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

SECTION 12 Ecological information (....)

- Presents no hazard to the environment
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Uncontaminated material may be returnable. Contact supplier
- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- EU Waste class: -
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SECTION 14 Transport information

14.1 UN

- UN No.: UN1066
- Proper Shipping Name: Nitrogen, compressed
- Hazard Class: 2.2
- Packing Group: Not applicable

14.2 Environmental hazards

- Presents no hazard to the environment

14.3 Special precautions for user

- Gas cylinders must be equipped with valve protection caps during 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.: UN1066
- Proper Shipping Name: Nitrogen, compressed
- ADR Hazard Class: 2.2
- ADR Packing Group: Not applicable

14.6 Sea (IMDG)

- IMDG UN No.: UN1066
- Proper Shipping Name: Nitrogen, compressed
- IMDG Hazard Class: 2.2
- IMDG Pack Group.: Not applicable
- IMDG EmS: F-C, S-V

14.7 Air (ICAO/IATA)

- ICAO UN No.: UN1066
- Proper Shipping Name: Nitrogen, compressed
- ICAO Hazard Class: 2.2
- ICAO Packing Group: -

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: UN1066
 - DOT Proper Shipping Name: Nitrogen, compressed
 - DOT Labels: 2.2
 - Product RQ (lbs): -
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SECTION 15 Regulatory information

SECTION 15 Regulatory information (....)

15.1 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.
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations

15.2 Chemical Safety Assessment

- None
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H280: Contains gas under pressure; may explode if heated.

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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