

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: N-10FG
Datasheet Number: N-10FG 605679 3. 0. 0
Product Part Number: 905679
Head Office:: Wilhelmsen Ships Service AS
Address: Strandveien 20, N1324 Lysaker, Norway, Tel: (47) 67 584550

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

Foodgrade

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 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

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

- Not Classified

2.2 Label elements

- None

Risk Phrases

- Not applicable

Safety Phrases

- Not applicable

2.3 Other hazards

- Odour: Odourless
- Appearance: Compressed gas
- Contact with eyes: May cause irritation
- Contact with skin: In cases of severe exposure, irritation may develop

2 Hazards identification (....)

- Inhalation: Asphyxiant, May cause respiratory failure
 - Ingestion: Not regarded as a potential route of exposure.
-

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases	Symbols
Nitrogen (4.5)	99.995	7727-37-9	231-783-9	-	-

4 First aid measures

4.1 Description of first aid measures

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
- Remove patient to fresh air
- Rescuers should put on approved respiratory protection before entering the area to render first aid
- Apply artificial respiration only if patient is not breathing
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- In cases of severe exposure, respiratory failure may develop

4.3 Indication of immediate medical attention and special treatment needed

Do not give adrenalin or equivalent medicines.

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

- Keep container(s) exposed to fire cool, by spraying with water
 - Inform Fire Brigade of potential danger of exploding and rocketing cylinders
-

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Shut off source of leak if safe to do so
- 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 Accidental release measures (....)

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

- None
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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)

8 Exposure controls/personal protection

8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls

- No special requirements

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



Boots



Gloves

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
 - Appearance: Compressed gas
 - pH - not applicable
 - Boiling point - 196 °C at 760 mm /Hg
 - Vapour pressure - not known
 - Vapour density (air = 1) 0.97
 - Melting point - 210 °C at 760 mm /Hg
 - Insoluble in water
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9 Physical and chemical properties (....)

- Density # kg/m³ at 20 °C
- Not flammable
- Auto-ignition point # deg C at 760 mm Hg

9.2 Other information

- No information available
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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
- No special precautions are required for this product

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
-

11 Toxicological information

11.1 Information on toxicological effects

- Non-toxic

Inhalation

- Asphyxiant

Contact with skin

- Not hazardous

Contact with eyes

- Not hazardous

Ingestion

- Not regarded as a potential route of exposure.

Carcinogenicity

- No evidence of carcinogenic effects
-

12 Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life
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12 Ecological information (....)

12.2 Persistence and degradability

12.3 Bioaccumulation Potential

12.4 Mobility in soil

- This substance is volatile
- Insoluble in water

12.5 Results of PBT and vPvB assessment

12.6 Other Adverse Effects

- Presents no hazard to the environment
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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
 - Disposal should be in accordance with manufacturer's instructions
 - Refer to manufacturer/supplier for information on recovery/recycling (S59)
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14 Transport information



Non-Flammable Compressed Gas

14.1 UN Number

- UN1066

14.2 UN Proper Shipping Name

- Nitrogen, compressed

14.3 Transport hazard class(es)

- 2.2

14.4 Packing group

- -

14.5 Environmental hazards

- Presents no hazard to the environment

14.6 Special precautions for user

- Gas cylinders must be equipped with valve protection caps during transport.

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

- Not applicable

Other information

14 Transport information (....)

Road/Rail (ADR/RID)

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

Sea (IMDG)

Proper Shipping Name:	Nitrogen, compressed		
IMDG UN No.:	UN1066	IMDG Hazard Class.:	2.2
IMDG Pack Group.:	-	IMDG EmS:	F-C, S-V
IMDG subrisk:	-	IMDG Flashpoint:	-

Air (ICAO/IATA)

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

DOT / CFR (US Department of Transportation)

DOT Proper Shipping Name:	Nitrogen, compressed		
Hazardous Material:	Nitrogen		
Hazard Class:	2.2	Identification Number:	UN1066
Product RQ (lbs):	-	DOT subrisk:	-
DOT Flashpoint:	-		

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.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

15.2 Chemical Safety Assessment

NONE

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

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

16 Other information (....)**OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES**

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

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Emergency 24hrs: +61 3 9630 0998

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