

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: **AMMONIA PHOTOMETER PACK**
Datasheet Number: 777185 2. 0. 0
Product Part Number: 777185
Part of: MO407
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
Giftinformasjonentralen 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
- Acute Tox. 4
- Eye Dam. 1

2.2 Label elements



Harmful

Irritant

2 Hazards identification (....)

- Signal Word: Danger

Hazard phrases

- Harmful if swallowed.
- Causes serious eye damage.

Precautionary Phrases

- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash thoroughly after handling.
- 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.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Risk Phrases

- Harmful if swallowed (R22)
- Risk of serious damage to eyes (R41)

Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear eye/face protection (S39)

2.3 Other hazards

- Odour: Odourless
- Appearance: Tablets, pink, soluble in water

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
SALICYLIC ACID	20-40%	69-72-7	200-712-3	R22, R37/38 R41	Xn, Xi
CLP classification: Acute Tox. 4:,Eye Dam. 1:				H302, H318	
SODIUM NITROPRUSSIDE DIHYDRATE	1-5%	13755-38-9	238-373-9	R25	T
CLP classification: Acute Tox. 3:				H301	

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- When in doubt or symptoms persist, seek medical attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- When in doubt or symptoms persist, seek medical attention

4 First aid measures (....)

- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- When in doubt or symptoms persist, seek medical attention
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- In cases of severe exposure, dry throat may develop
- Severe lachrymatory effects (makes eyes water)
- In cases of severe exposure, coughing may develop
- In cases of severe exposure, wheeziness may develop

4.3 Indication of immediate medical attention and special treatment needed

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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

- See Section 10

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Shut off source of leak if safe to do so
- Wash thoroughly after dealing with spillage

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
- Do not flush spilt material into any public water system

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Place in sealable container
- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal
- Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- None
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7 Handling and storage

7 Handling and storage (...)

7.1 Precautions for safe handling

- Eyewash bottles should be available
- Do not get in eyes, on skin, or on clothing.
- Ensure adequate ventilation
- See Section 8

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Keep container tightly closed.
- Keep only in original container.

7.3 Specific end use(s)

- Restricted to professional users
-

8 Exposure controls/personal protection

8.1 Control parameters

- No exposure limits have been set for this substance

8.2 Exposure controls

- Ensure adequate ventilation

Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- Wear goggles giving complete eye protection
- Wear neoprene or nitrile gloves



Gloves

Goggles

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Tablets, pink, soluble in water
- pH 2.5
- Boiling point >35 °C
- Flash point >93 deg C (CC)

9.2 Other information

- None
-

10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions
-

10 Stability and reactivity (....)

10.2 Chemical stability

- This article is 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

- Keep away from heat and sources of ignition

10.5 Incompatible materials

- Incompatible with acid
- Incompatible with oxidizing substances

10.6 Hazardous Decomposition Products

- Decomposition products may include hydrogen cyanide
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11 Toxicological information

11.1 Information on toxicological effects

- No information available

Inhalation

- May cause breathing difficulty
- May cause coughing
- May cause wheeziness

Contact with skin

- May cause redness and irritation

Contact with eyes

- Severe lachrymatory effects (makes eyes water)
- Causes redness and irritation

Ingestion

- May cause nausea/vomiting
-

12 Ecological information

12.1 Toxicity

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

- No information available
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12 Ecological information (...)

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No information available
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13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

Classification

- EU Waste class: 16 05 06
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14 Transport information

14.1 UN Number

- n/a

14.2 UN Proper Shipping Name

- n/a

14.3 Transport hazard class(es)

- n/a

14.4 Packing group

- n/a

14.5 Environmental hazards

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

14.6 Special precautions for user

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 has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.

15.2 Chemical Safety Assessment

None

16 Other information

16 Other information (....)

Text of R and S phrase codes used in this safety data sheet:- H301: Toxic if swallowed.; H302: Harmful if swallowed.; H318: Causes serious eye damage.; R22: Harmful if swallowed; R25: Toxic if swallowed; R37/38: Irritating to respiratory system and skin; 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

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

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