
SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: HYDRAZINE TEST POWDER
Datasheet Number: 555680-2R 1. 0. 0
Product Part Number: 555680 (30 gram)
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.

2.2 Label elements



Irritant

Risk Phrases

- Risk of serious damage to eyes (R41)

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2 Hazards identification (....)

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: powder, pale yellow, soluble in water
- Contact with skin: In cases of severe exposure, redness and irritation may develop
- Ingestion: 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 hydrogen sulphate	90-100%	10034-88-5	231-665-7	41	Xi
4-dimethylaminobenzaldehyde	2,5-5%	100-10-7	202-819-0	R22	Xn

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN: Gently wash with plenty of soap and water.
-
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
-
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Give plenty of water to drink
- Never make an unconscious person vomit or drink fluids
-
- Inhalation is unlikely to occur
- Remove patient to fresh air
-
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes
- The ingestion of significant quantities may cause gastro-intestinal disturbances

4.3 Indication of immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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5 Fire-fighting measures (....)

- 5.2 Special hazards arising from the substance or mixture
- Smoke from fires is irritating
- 5.3 Advice for firefighters
- Wear chemical protection suit and positive-pressure breathing apparatus
-

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
- No special precautions are required for this product
- 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
-

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
- Keep only in the original container in a cool, well ventilated place (S3/9/49)
 - Protect from moist air
- 7.3 Specific end use(s)
-

8 Exposure controls/personal protection

- 8.1 Control parameters
- 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 gloves
 - When handling this substance, e.g. sampling, wear goggles giving complete eye protection



Goggles



Gloves



No Smoking

9 Physical and chemical properties

HYDRAZINE TEST POWDER

9 Physical and chemical properties (....)

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: powder, pale yellow, soluble in water
- pH <2 at 1 % concentration
- decomposes
- Vapour pressure - not known
- Melting point >315 °C at 760 mm /Hg
- Water solubility ~650 g/l
- Density 1300 kg/m³
- Non-combustible solid

9.2 Other information

- None
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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 contact with moist air

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- Decomposition products may include sulphur oxides
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11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral,rat) >2500 mg/kg

Inhalation

- Not regarded as a potential route of exposure.

Contact with skin

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

Contact with eyes

- Causes irritation

Ingestion

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

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11 Toxicological information (....)

Carcinogenicity

- No evidence of carcinogenic effects
-

12 Ecological information

12.1 Toxicity

- Presents little or no hazard to the aquatic environment

12.2 Persistence and degradability

- Degrades by hydrolysis

12.3 Bioaccumulation Potential

- Bioaccumulation 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 environment
-

13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

Classification

- EU Waste class: -
-

14 Transport information



Corrosive

14.1 UN Number

- UN3260

14.2 UN Proper Shipping Name

- Corrosive solid, acidic, inorganic, n.o.s.
(SODIUM HYDROGEN SULPHATE MIXTURE)

14.3 Transport hazard class(es)

- 8

14.4 Packing group

- III
-

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14 Transport information (....)

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Normally supplied/transported in fibreboard boxes

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

- Not applicable

Other information

Road/Rail (ADR/RID)

Proper Shipping Name:	Corrosive solid, acidic, inorganic, n.o.s. (SODIUM HYDROGEN SULPHATE MIXTURE)		
ADR UN No.:	UN3260	ADR Hazard Class:	8
ADR Packing Group:	III	ADR subrisk:	n/a
ADR Flashpoint:	n/a		

Sea (IMDG)

Proper Shipping Name:	Corrosive solid, acidic, inorganic, n.o.s. (SODIUM HYDROGEN SULPHATE MIXTURE)		
IMDG UN No.:	UN3260	IMDG Hazard Class.:	8
IMDG Pack Group.:	III	IMDG EmS:	F-A, S-B
IMDG subrisk:	n/a	IMDG Flashpoint:	n/a

Air (ICAO/IATA)

Proper Shipping Name:	Corrosive solid, acidic, inorganic, n.o.s. (SODIUM HYDROGEN SULPHATE MIXTURE)		
ICAO Un No.:	UN3260	ICAO Hazard Class.:	8
ICAO Packing Group.:	III	ICAO subrisk:	n/a
ICAO Flashpoint:	n/a		

DOT / CFR (US Department of Transportation)

DOT Proper Shipping Name:	Corrosive solid, acidic, inorganic, n.o.s. (SODIUM HYDROGEN SULPHATE MIXTURE)		
Hazardous Material:	SODIUM HYDROGEN SULPHATE MIXTURE		
Hazard Class:	8	Identification Number:	UN3260
Product RQ (lbs):	n/a	DOT subrisk:	n/a
DOT Flashpoint:	n/a		

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)
- This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

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15 Regulatory information (....)

15.2 Chemical Safety Assessment

None

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R22: Harmful if swallowed; R41: Risk of serious damage to eyes.

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

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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