

Safety Data Sheet



according to Regulation (EU) No. 1907/2006

neodisher LaboClean A 8

Print date : 20.12.2007

Revision date : 19.12.2007

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5. Fire-fighting measures

Suitable extinguishing media

Water fog. Water. Foam.

Extinguishing media which must not be used for safety reasons

none / none

Special exposure hazards arriving from substance or preparation itself, combustion products, resulting gases

none / none

Special protective equipment for fire-fighters

none / none

6. Accidental release measures

Personal precautions

Wear personal protection equipment.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

Remove mechanically, placing in appropriate containers for disposal.

7. Handling and storage

Handling

Advice on safe handling

All working processes must always be organised so that the following can be ruled out: skin contact.
Eye contact.

Storage

Requirements for storage rooms and vessels

No special technical protective measures are necessary.

Further information on storage conditions

Protect against: moisture.

Storageclass (VCI) :

8B

8. Exposure controls/personal protection

Exposure limit values

Exposure limits (EH40)

CAS No.	Substance	ml/m ³	mg/m ³	F/ml	Category	Origin
1310-73-2	Sodium hydroxide	-	-		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL

Exposure controls

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.

Hand protection

Type of chemical protective gloves to choose depends on the concentration and quantity of dangerous substances as well as on work place specifications. Suitable material: Butyl rubber. NBR (Nitrile rubber). EN 374

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Eye protection

Tightly sealed safety glasses. EN 166

Skin protection

Take off immediately all contaminated clothing.

9. Physical and chemical properties

General information

Physical state : solid
Colour : white
Odour : characteristic

Important health, safety and environmental information

pH-Value : ca. 14 (10 %) Test method

Changes in the physical state

Oxidizing properties

none / none

Water solubility : easily soluble.

10. Stability and reactivity

Conditions to avoid

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Materials to avoid

Reacts with : acid, concentrated.

Hazardous decomposition products

Contact with acids liberates toxic gas.

11. Toxicological information

Acute toxicity

Acute toxicity, oral LD50: calculated. mg/kg bw: > 1400

Corrosive and irritant effects

corrosive.

Further information

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation were assessed by the manufacturer on the basis of the data available on the main components. Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above and beyond those on the product label are to be expected. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

12. Ecological information

Other adverse effects

due to the alkaline character of the product, usually, it has to be neutralized before contaminated effluents are introduced into the waste water treatment system.

Further information

The evaluation was carried out according to the calculation method of the Preparations Directive. On account of existing data on ecotoxicology the following can be deduced: Harmful to aquatic organisms. No indication of bio-accumulation potential.

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13. Disposal considerations

Advice on disposal

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Contaminated packaging

Completely emptied packings can be re-cycled.

14. Transport information

Land transport (ADR/RID)

UN number : 1823
ADR/RID class : 8
Warning plate
Hazard-no. : 80
Hazard label : 8
ADR/RID packing group : II

Description of the goods

Natriumhydroxid, fest, Gemisch

Marine transport

IMDG code : 8
Marine pollutant : no
IMDG packing group : II
EmS : F-A, S-B

Description of the goods

SODIUM HYDROXIDE, SOLID, MIXTURE

15. Regulatory information

Labelling

Danger symbols : C - Corrosive; N - Dangerous for the environment



C - Corrosive



N - Dangerous for the environment

Hazardous component(s) to be indicated on label

caustic soda, sodium hydroxide, disodium metasilicate

R phrases

31 Contact with acids liberates toxic gas.
35 Causes severe burns.
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of Water. .
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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Special labelling for certain preparations

Warning! Do not use together with other products. May release dangerous gases (chlorine).

Additional advice on labelling

Product is classified and labelled in accordance with EC regulations or the corresponding national laws.

EU regulatory information

Additional information

Labelling for contents according to regulation (EC) No 648/2004, annex 7: < 5 % chlorine-based bleaching agents , 15-30 % phosphates

National regulatory information

Water contaminating class : 1 - slightly water contaminating

16. Other information

Full text of R-phrases referred to under sections 2 and 3

- | | |
|-------|---|
| 08 | Contact with combustible material may cause fire. |
| 22 | Harmful if swallowed. |
| 31 | Contact with acids liberates toxic gas. |
| 34 | Causes burns. |
| 35 | Causes severe burns. |
| 36 | Irritating to eyes. |
| 36/37 | Irritating to eyes and respiratory system. |
| 37 | Irritating to respiratory system. |
| 50 | Very toxic to aquatic organisms. |
| 51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 53 | May cause long-term adverse effects in the aquatic environment. |

The receiver of our product is singularly responsible for adhering to existing laws and regulations. The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.