

Safety Data Sheet



according to Regulation (EC) No 1907/2006

neodisher LaboClean A 8

Print date: 30.01.2013

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Special labelling of certain mixtures

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
REACH No		
229-912-9	disodium metasilicate	15-30 %
6834-92-0	C - Corrosive, Xi - Irritant R34-37	
215-185-5	caustic soda, sodium hydroxide	15-30 %
1310-73-2	C - Corrosive R35	
207-838-8	sodium carbonate	5-10 %
497-19-8	Xi - Irritant R36	
220-767-7	troclosene sodium	1-5 %
2893-78-9	E - Explosive, O - Oxidizing, Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R2-8-22-36/37-31-50-53	

Full text of each relevant R phrase can be found in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

not applicable

After contact with skin

After contact with skin, wash immediately with: Water.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Consult physician immediately.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water fog. Water. Foam.

Extinguishing media which must not be used for safety reasons

none / none

5.2. Special hazards arising from the substance or mixture

Only the wet product is caustic.

5.3. Advice for firefighters

none / none

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Remove mechanically, placing in appropriate containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special technical protective measures are necessary.

Further information on storage conditions

Protect against: moisture.

Storageclass (D): 8B

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

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

8.2. 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. When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code. In case of reutilization, clean gloves before taking off and store in well-aired place.

Duration of wearing with occasional contact (splashes): Duration of wearing with permanent contact:

Suitable material:

Butyl rubber.FKM (Fluoroelastomer (Viton)). NBR (Nitrile rubber). CR (polychloroprenes, Chloroprene rubber). NR (Natural rubber (Caoutchouc), Natural latex). PVC (Polyvinyl chloride).

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Eye protection

Suitable eye protection: Framed glasses. Tightly sealed safety glasses. EN 166

Skin protection

Take off immediately all contaminated clothing.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: solid
Colour: white
Odour: characteristic

Test method

pH-Value: ca. 14 (10 %)

Changes in the physical state

Flash point: not applicable

Oxidizing properties

none / none

Water solubility: easily soluble.

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

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

10.5. Incompatible materials

Reacts with : acid, concentrated.

10.6. Hazardous decomposition products

Contact with acids liberates toxic gas.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name	Exposure routes	Method	Dose	Species	h
497-19-8	sodium carbonate	Acute oral toxicity	LD50	4090 mg/kg	Rat	
2893-78-9	troclosene sodium	Acute oral toxicity	ATE	500 mg/kg		

Irritation and corrosivity

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).

SECTION 12: Ecological information

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12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Method	Dose	Species	h
1310-73-2	caustic soda, sodium hydroxide				
	Acute fish toxicity	LC50	45,4 mg/l	Onchorhynchus mykiss	96
497-19-8	sodium carbonate				
	Acute fish toxicity	LC50	300 mg/l	Lepomis macrochirus	96
	Acute crustacea toxicity	EC50	265 mg/l	Daphnia magna	48

12.6. 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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste disposal number of waste from residues/unused products

200115 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); alkalines
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Completely emptied packings can be re-cycled.
Waste disposal according to official state regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

- 14.1. UN number:** UN1759
14.2. UN proper shipping name: CORROSIVE SOLID, N.O.S. (caustic soda, sodium hydroxide, troclosene sodium)
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8



Classification code: C10

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Special Provisions: 274
Limited quantity: 1 kg
Transport category: 2
Hazard No: 80
Tunnel restriction code: E

Other applicable information (land transport)

E2

Marine transport (IMDG)

14.1. UN number: UN1759
14.2. UN proper shipping name: CORROSIVE SOLID, N.O.S. (sodium hydroxide, dichloroisocyanuric acid, salts)
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8



Marine pollutant: yes
Special Provisions: 274
Limited quantity: 1 kg
EmS: F-A, S-B

Other applicable information (marine transport)

E2

Air transport (ICAO)

UN/ID number: UN1759
14.2. UN proper shipping name: CORROSIVE SOLID, N.O.S. (sodium hydroxide, dichloroisocyanuric acid, salts)
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8



Special Provisions: A3
Limited quantity Passenger: 5 kg
IATA-packing instructions - Passenger: 859
IATA-max. quantity - Passenger: 15 kg
IATA-packing instructions - Cargo: 863
IATA-max. quantity - Cargo: 50 kg

Other applicable information (air transport)

E2

: Y844

14.5. Environmental hazards

Dangerous for the environment: yes



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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

Full text of R phrases referred to under Sections 2 and 3

- | | |
|-------|---|
| 02 | Risk of explosion by shock, friction, fire or other sources of ignition. |
| 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. |

Further Information

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. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)