

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## neodisher SBR extra

Print date: 30.01.2013

Revision date: 03.12.2012

Page 1 of 7

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

neodisher SBR extra

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

##### Use of the substance/mixture

Cleaning agent.

#### 1.3. Details of the supplier of the safety data sheet

Company name: Chemische Fabrik Dr. Weigert GmbH & Co. KG  
Street: Mühlenhagen 85  
Place: D-20539 Hamburg  
Telephone: +49 40 789 60 0      Telefax: +49 40 789 60 200  
Internet: www.drweigert.de  
Responsible Department: sida@drweigert.de

1.4. Emergency telephone number:      GB: National poison centre, USA: Emergency Tel. No. 1-800 535 5053 (tollfree),  
from outside USA: +001 352 323 3500 or a National Poison Control centre

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Indications of danger: Irritant

R phrases:

Irritating to skin.

Risk of serious damage to eyes.

#### 2.2. Label elements

Danger symbols:      Xi - Irritant



Xi - Irritant

##### R phrases

38      Irritating to skin.  
41      Risk of serious damage to eyes.

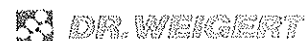
##### S phrases

26      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
46      If swallowed, seek medical advice immediately and show this container or label.  
36/37/39      Wear suitable protective clothing, gloves and eye/face protection.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## neodisher SBR extra

Print date: 30.01.2013

Revision date: 03.12.2012

Page 2 of 7

### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
REACH No		
200-573-9	tetrasodium ethylene diamine tetraacetate	15-30 %
64-02-8	Xn - Harmful, Xi - Irritant R22-41	
220-552-8	1-Hydroxy-Ethylidene-1,1-Diphosphonic acid (HEDP)	1-5 %
2809-21-4	Xi - Irritant R41	
215-185-5	caustic soda, sodium hydroxide	0,5-2 %
1310-73-2	C - Corrosive R35	

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

#### General information

No special measures are necessary.

#### After inhalation

not applicable

#### After contact with skin

Subsequently wash again with: Water.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Rinse mouth thoroughly with water. Seek medical attention if problems persist.

### 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. Foam. Extinguishing powder. Carbon dioxide.

#### Extinguishing media which must not be used for safety reasons

none / none

### 5.2. Special hazards arising from the substance or mixture

none / none

### 5.3. Advice for firefighters

No special measures are necessary.

#### Additional information

Extinguishing materials should be selected according to the surrounding area.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Refer to chapter 7. No further action is necessary.

### 6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## neodisher SBR extra

Print date: 30.01.2013

Revision date: 03.12.2012

Page 3 of 7

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Suitable material for diluting or neutralizing: Water.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin and eyes.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

none / none

#### Advice on storage compatibility

none / none

Storageclass (D):

12

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	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.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	light yellow
Odour:	characteristic

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## neodisher SBR extra

Print date: 30.01.2013

Revision date: 03.12.2012

Page 4 of 7

### Test method

pH-Value: ca. 13,5

### Changes in the physical state

Flash point: not applicable

Water solubility: highly soluble.

### 9.2. Other information

Result of acid/alkaline reserve acc. to Young et.al. (buffer capacity): not corrosive

## SECTION 10: Stability and reactivity

### 10.4. Conditions to avoid

No special precautionary measures are necessary.

### 10.5. Incompatible materials

none / none

### 10.6. Hazardous decomposition products

none / none

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Acute toxicity, oral LD50: calculated. mg/kg bw: > 7000

CAS No	Chemical name	Exposure routes	Method	Dose	Species	h
64-02-8	tetrasodium ethylene diamine tetraacetate					
	Acute oral toxicity		ATE	500 mg/kg		

#### Irritation and corrosivity

Irritant effect on the skin: irritant.

Irritant effect on the eye: 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

### 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

#### Further information

The evaluation was carried out according to the calculation method of the Preparations Directive.

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## neodisher SBR extra

Print date: 30.01.2013

Revision date: 03.12.2012

Page 5 of 7

### 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

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing dangerous substances  
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)

<b>14.1. UN number:</b>	UN3267
<b>14.2. UN proper shipping name:</b>	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Ethylendiamintetraessigsäure Tetranatriumsalz), aluminiumkorrosiv
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III
Hazard label:	8 
Classification code:	C7
Special Provisions:	274
Limited quantity:	5 L
Transport category:	3
Hazard No:	80
Tunnel restriction code:	E

#### Other applicable information (land transport)

E1

#### Marine transport (IMDG)

<b>14.1. UN number:</b>	UN3267
<b>14.2. UN proper shipping name:</b>	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Ethylendiaminetetraacetic acid, sodium salt), corrosive for aluminium
<b>14.3. Transport hazard class(es):</b>	8
<b>14.4. Packing group:</b>	III
Hazard label:	8

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## neodisher SBR extra

Print date: 30.01.2013

Revision date: 03.12.2012

Page 6 of 7



Marine pollutant: no  
Special Provisions: 223, 274  
Limited quantity: 5 L  
EmS: F-A, S-B

### Other applicable information (marine transport)

E1

### Air transport (ICAO)

UN/ID number: UN3267

14.2. UN proper shipping name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.  
(Ethylendiaminetetraacetic acid, sodium salt), corrosive for aluminium

14.3. Transport hazard class(es): 8

14.4. Packing group: III

Hazard label: 8



Special Provisions: A3 A803  
Limited quantity Passenger: 1 L  
IATA-packing instructions - Passenger: 852  
IATA-max. quantity - Passenger: 5 L  
IATA-packing instructions - Cargo: 856  
IATA-max. quantity - Cargo: 60 L

### Other applicable information (air transport)

E1

: Y841

### Other applicable information

--

## 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): 2 - water contaminating

## SECTION 16: Other information

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

22 Harmful if swallowed.  
35 Causes severe burns.  
38 Irritating to skin.  
41 Risk of serious damage to eyes.

### 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.

# Safety Data Sheet



according to Regulation (EC) No 1907/2006

## neodisher SBR extra

Print date: 30.01.2013

Revision date: 03.12.2012

Page 7 of 7

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