

# neodisher sol

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 18.05.2020

Print date: 20.01.23

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

### 1.1. Product identifier

neodisher sol

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

#### Identified Uses

PC35                      Washing and cleaning products (including solvent based products)

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

#### Address:

Chemische Fabrik Dr. Weigert GmbH & Co. KG  
Mühlenhagen 85  
D-20539 Hamburg  
Telephone no.            +49 40 789 60 0  
Fax no.                    +49 40 789 60 120  
www.drweigert.com

#### E-mail address of person responsible for this SDS:

sida@drweigert.de

### 1.4. Emergency telephone number

Emergency telephone number: 112

## SECTION 2: Hazards identification \*\*\*

### 2.1. Classification of the substance or mixture

\*  
\*  
\*

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

EUH208 Contains        2-methylisothiazol-3(2H)-one, May produce an allergic reaction.

#### Supplemental information

EUH210                    Safety data sheet available on request.

### 2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients \*\*\*

### 3.2. Mixtures

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## Hazardous ingredients \*\*\*

### sodium lauryl ether sulfate

CAS No.	68891-38-3		
EINECS no.	500-234-8		
Registration no.	01-2119488639-16		
Concentration	>= 1	< 3	%
Classification (Regulation (EC) No. 1272/2008)			
	Eye Dam. 1	H318	
	Skin Irrit. 2	H315	
	Aquatic Chronic 3	H412	

Concentration limits (Regulation (EC) No. 1272/2008)

Eye Dam. 1	H318	>= 10 %
Eye Irrit. 2	H319	>= 5 < 10 %

### isotridecanol, ethoxylated

CAS No.	69011-36-5		
Concentration	>= 1	< 3	%
Classification (Regulation (EC) No. 1272/2008)			
	Eye Irrit. 2	H319	
	Aquatic Chronic 3	H412	

### 2-methylisothiazol-3(2H)-one

CAS No.	2682-20-4		
EINECS no.	220-239-6		
Concentration	>= 0,00015	< 0,0015	%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 3	H301	Route of exposure: oral
	Acute Tox. 3	H311	Route of exposure: dermal
	Acute Tox. 2	H330	Route of exposure: inhalative
	Skin Corr. 1B	H314	
	Skin Sens. 1A	H317	
	STOT SE 3	H335	
	Aquatic Acute 1	H400	
	Aquatic Chronic 1	H410	
	Eye Dam. 1	H318	

Concentration limits (Regulation (EC) No. 1272/2008)

Skin Sens. 1A	H317	>= 0,0015 %
Aquatic Acute 1		M = 10

## Other information

Complete text of hazard statements in chapter 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In case of persistent symptoms consult doctor.

#### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

#### After eye contact

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Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

## After ingestion

Rinse out mouth and give plenty of water to drink.

## Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

## 4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

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

### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

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

In case of combustion evolution of dangerous gases possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

## SECTION 6: Accidental release measures

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

Avoid contact with skin, eyes and clothing.

### 6.2. Environmental precautions

Do not discharge into surface waters/groundwater.

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

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations. Dispose of as prescribed.

### 6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on protection against fire and explosion

No special measures required.

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

#### Recommended storage temperature

Value  $\geq 0$  < 30 °C

#### Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Hints on storage assembly

Do not store together with foodstuffs.

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## Storage classes

Storage class according to TRGS 510      12      Non-combustible liquids

## Further information on storage conditions

Keep container tightly closed and dry.

## 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

There are not known any further control parameters.

### 8.2. Exposure controls

#### General protective and hygiene measures

Observe the usual precautions for handling chemicals.

#### Respiratory protection

Not necessary, but do not inhale vapours.

#### Hand protection

Chemical resistant gloves

Use      Permanent hand contact  
Appropriate Material      neoprene

Material thickness      >=      0,65      mm

Breakthrough time      >      480      min

Appropriate Material      nitrile

Material thickness      >=      0,4      mm

Breakthrough time      >      480      min

Appropriate Material      butyl

Material thickness      >=      0,7      mm

Breakthrough time      >      480      min

Use      Short-term hand contact

Appropriate Material      nitrile

Material thickness      >=      0,11      mm

Hand protection must comply with EN 374.

#### Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

#### Body protection

Not necessary.

## SECTION 9: Physical and chemical properties

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

**Physical state**      liquid

**Colour**      white to cream colour

**Odour**      characteristic

#### Melting point

Remarks      not determined

#### Freezing point

Remarks      not determined

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## Boiling point or initial boiling point and boiling range

Remarks not determined

## Flammability

evaluation Not applicable

## Upper and lower explosive limits

Remarks Not applicable

## Flash point

Remarks Not applicable

## Ignition temperature

Remarks Not applicable

## Decomposition temperature

Remarks  
Remarks not determined

## pH value

Value 10,0 to 10,6

## Viscosity

### dynamic

Value 2500 to 6000 mPa.s

## Solubility(ies)

Remarks not determined

## Partition coefficient n-octanol/water (log value)

Remarks not determined

## Vapour pressure

Remarks not determined

## Density and/or relative density

Value 1,15 to 1,25 g/cm<sup>3</sup>

## Relative vapour density

Remarks not determined

## 9.2. Other information

### Odour threshold

Remarks not determined

### Evaporation rate (ether = 1) :

Remarks not determined

### Solubility in water

Remarks partly soluble

### Explosive properties

evaluation not determined

### Oxidising properties

evaluation None known

### Other information

None known

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

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## 10.2. Chemical stability

No hazardous reactions known.

## 10.3. Possibility of hazardous reactions

No hazardous reactions known.

## 10.4. Conditions to avoid

No hazardous reactions known.

## 10.5. Incompatible materials

None known

## 10.6. Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

Remarks Based on available data, the classification criteria are not met.

#### Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

#### Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

#### Sensitization

Remarks Based on available data, the classification criteria are not met.

#### Sensitization (Components)

##### sodium lauryl ether sulfate

Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

#### Subacute, subchronic, chronic toxicity

Remarks Based on available data, the classification criteria are not met.

#### Mutagenicity

Remarks Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

#### Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

#### Specific Target Organ Toxicity (STOT)

##### Single exposure

Remarks Based on available data, the classification criteria are not met.

##### Repeated exposure

Remarks Based on available data, the classification criteria are not met.

#### Aspiration hazard

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Based on available data, the classification criteria are not met.

## 11.2 Information on other hazards

### Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

### Other information

There is no data available on the product apart from the information given in this subsection.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### General information

not determined

#### Fish toxicity (Components)

##### sodium lauryl ether sulfate

Species	zebra fish (Brachydanio rerio)	
LC50	7,1	mg/l
Duration of exposure	96	h
Method	OECD 203	
Source	REACH registration dossier	

#### Daphnia toxicity (Components)

##### sodium lauryl ether sulfate

Species	Daphnia magna	
EC50	7,4	mg/l
Duration of exposure	48	h
Method	OECD 202	
Source	REACH registration dossier	

#### Algae toxicity (Components)

##### sodium lauryl ether sulfate

Species	Scenedesmus subspicatus	
EC50	27,7	mg/l
Duration of exposure	48	h
Method	OECD 201	
Source	REACH registration dossier	

#### Bacteria toxicity (Components)

##### sodium lauryl ether sulfate

Species	Pseudomonas putida	
EC10	> 10	g/l
Method	DIN 38412 / Part 8	
Source	REACH registration dossier	

### 12.2. Persistence and degradability

#### General information

not determined

### 12.3. Bioaccumulative potential

#### General information

not determined

#### Partition coefficient n-octanol/water (log value)

Remarks not determined

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## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### Results of PBT and vPvB assessment

The product contains no PBT or vPvB substances.

## 12.6 Endocrine disrupting properties

### Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

## 12.7. Other adverse effects

### General information

not determined

### General information / ecology

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

EWC waste code 18 01 06\* chemicals consisting of or containing dangerous substances

EWC waste code 20 01 29\* detergents containing dangerous substances

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

#### Disposal recommendations for packaging

EWC waste code 15 01 02 plastic packaging

Completely emptied packagings can be given for recycling.

EWC waste code 15 01 10\* packaging containing residues of or contaminated by dangerous substances

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

## SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
<b>14.1. UN number or ID number</b>	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

### Information for all modes of transport

#### 14.6. Special precautions for user

See Sections 6 to 8

### Other information

#### 14.7 Maritime transport in bulk according to IMO instruments



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Not applicable

## SECTION 15: Regulatory information \*\*\*

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

#### Ingredients (Regulation (EC) No 648/2004)

##### less than 5 %:

anionic surfactants, non-ionic surfactants

##### Further ingredients

perfumes, preservation agents: 2-methylisothiazol-3(2H)-one, 1,2-benzisothiazol-3(2H)-one

#### VOC \*\*\*

VOC (EU) 0 %

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 2/3

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### CLP categories listed in Chapter 2/3

Acute Tox. 2	Acute toxicity, Category 2
Acute Tox. 3	Acute toxicity, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1A	Skin sensitization, Category 1A
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

### Abbreviations

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
IATA: International Air Transport Association  
VOC: Volatile Organic Compound  
LD: Lethal dose  
LC: Lethal concentration

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PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very persistent and very bioaccumulative  
SVHC: Substances of very high concern  
UN: United Nations  
CAS: Chemical Abstracts Service  
OECD: Organisation for Economic Co-operation and Development  
GHS: Globally Harmonized System of classification and Labelling of Chemicals  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 (MARPOL: Marine Pollution)  
IBC: Intermediate Bulk Container  
ASTM: American Society for Testing And Materials  
TSCA: Toxic Substances Control Act (USA)  
WHO: World Health Organization  
IMO: International Maritime Organization  
IUCLID: International Uniform Chemical Information Database

## Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.