

# neodisher MediClean forte

Version: 3 / GB

Replaces Version: - / GB

Date revised: 17.07.2023

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

### 1.1. Product identifier

neodisher MediClean forte

### 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

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### 2.2. Label elements

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

#### 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

#### Hazardous ingredients

##### fatty alcohols, alkoxylated

CAS No.	120313-48-6				
Concentration	>=	0,1	<	1	%
Classification (Regulation (EC) No. 1272/2008)					
	Skin Irrit. 2			H315	
	Aquatic Acute 1			H400	

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Aquatic Chronic 3

H412

## Further ingredients

### 2,2',2"-nitrilotriethanol

CAS No. 102-71-6

EINECS no. 203-049-8

Registration no. 01-2119486482-31

Concentration  $\geq$  10 < 25 %

Advice: [3]

## Note

[3] Substance with occupational exposure limits

## 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

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.

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## 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 > 0 < 25 °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.

#### Storage classes

Storage class according to TRGS 510 10-13 Other combustible and non-combustible substances

#### Further information on storage conditions

Protect from heat and direct sunlight. Keep container tightly closed and dry.

### 7.3. Specific end use(s)

no data

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

##### subtilisin

List	EH40	
Type	WEL	
Value	0.00004	mg/m <sup>3</sup>
Short term exposure limit		mg/m <sup>3</sup>
Remarks: Sen		

#### 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.

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## Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Particle filter P2

## Hand protection

Chemical resistant gloves

Use Permanent hand contact  
neoprene

Appropriate Material  
Material thickness  $\geq$  0,65 mm

Breakthrough time  $>$  480 min

Appropriate Material  
nitrile

Material thickness  $\geq$  0,4 mm

Breakthrough time  $>$  480 min

Appropriate Material  
butyl

Material thickness  $\geq$  0,7 mm

Breakthrough time  $>$  480 min

Use Short-term hand contact

Appropriate Material  
nitrile

Material thickness  $\geq$  0,11 mm

Hand protection must comply with EN ISO 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** yellowish to brownish, clear

**Odour** characteristic

#### Melting point

Remarks not determined

#### Freezing point

Remarks not determined

#### 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 appr. 10,1  
Temperature 20 °C

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## Viscosity

### dynamic

Value	< 10		mPa.s
Temperature	20	°C	

## 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	1,07		g/cm <sup>3</sup>
Temperature	20	°C	

## 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 miscible in all proportions

### Explosive properties

evaluation no

### 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.

### 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

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

### Acute oral toxicity

ATE	> 2000	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	
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.
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### Acute inhalational toxicity

Remarks	Based on available data, the classification criteria are not met.
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### Skin corrosion/irritation

Remarks	Based on available data, the classification criteria are not met.
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### Serious eye damage/irritation

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

Remarks	Based on available data, the classification criteria are not met.
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### Subacute, subchronic, chronic toxicity

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

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

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

Remarks	Based on available data, the classification criteria are not met.
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### Specific Target Organ Toxicity (STOT)

#### Single exposure

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

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

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)

##### fatty alcohols, alkoxylated

Species	golden orfe ( <i>Leuciscus idus</i> )	
LC50	1 to 10	mg/l

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Duration of exposure 96 h

## Daphnia toxicity (Components)

### fatty alcohols, alkoxylated

Species	Daphnia magna			
EC50	0,1	to	1	mg/l
Duration of exposure	48	h		
Method	OECD 202			

## Algae toxicity (Components)

### fatty alcohols, alkoxylated

Species	Scenedesmus subspicatus			
EC50	0,1	to	1	mg/l
Duration of exposure	72	h		
Method	OECD 201			

## 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

## 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 substances  
The product contains no 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

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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 of in agreement with the regional waste disposal company.

## SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	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

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

enzymes

#### VOC

VOC (EU) 0 % 0 g/l

### 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

H315 Causes skin irritation.  
H400 Very toxic to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

### CLP categories listed in Chapter 2/3

Aquatic Acute 1 Hazardous to the aquatic environment, acute, Category 1  
Aquatic Chronic 3 Hazardous to the aquatic environment, chronic, Category 3  
Skin Irrit. 2 Skin irritation, Category 2



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## 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  
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.