

# neodisher MediDry special

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Replaces Version: 1 /  
GB

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

### 1.1. Product identifier

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### 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

GBK/ Infotrac: (USA domestic) +1 800 535 5053 or international +1 352 323 3500  
Emergency telephone number: 112

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)  
Aquatic Chronic 3                      H412

For explanation of abbreviations see section 16.

### 2.2. Label elements

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

##### Hazard statements

H412                      Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P273                      Avoid release to the environment.  
Dispose only when container is empty and closed. For disposal of product  
residues, refer to safety data sheet.

### 2.3. Other hazards

The product contains no PBT or vPvB substances.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients

Citric acid, anhydrous  
CAS No.                      77-92-9

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EINECS no. 201-069-1  
Registration no. 01-2119457026-42  
Concentration  $\geq 1$  < 10 %  
Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319

## acrylates copolymer

CAS No. 880345-00-6  
Concentration  $\geq 1$  < 10 %  
Classification (Regulation (EC) No. 1272/2008)  
Aquatic Chronic 2 H411

## 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.

## SECTION 6: Accidental release measures

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## 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 < 30 °C

#### Requirements for storage rooms and vessels

Store product in closed containers.

#### Hints on storage assembly

Do not store together with foodstuffs.

#### 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. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

#### Hand protection

Chemical resistant gloves

Use	Permanent hand contact
Appropriate Material	neoprene
Material thickness	>= 0,65 mm
Breakthrough time	> 480 min

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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

<b>Form</b>	liquid		
<b>Colour</b>	light yellow, clear		
<b>Odour</b>	characteristic		
<b>Odour threshold</b>			
Remarks	not determined		
<b>pH value</b>			
Value	appr.	2,2	
Temperature		20	°C
<b>Melting point</b>			
Remarks	not determined		
<b>Freezing point</b>			
Remarks	not determined		
<b>Initial boiling point and boiling range</b>			
Remarks	not determined		
<b>Flash point</b>			
Remarks	Not applicable		
<b>Evaporation rate (ether = 1) :</b>			
Remarks	not determined		
<b>Flammability (solid, gas)</b>			
evaluation	Not applicable		
<b>Upper/lower flammability or explosive limits</b>			
Remarks	Not applicable		
<b>Vapour pressure</b>			
Remarks	not determined		
<b>Vapour density</b>			
Remarks	not determined		
<b>Density</b>			
Value		1,04	g/cm <sup>3</sup>
Temperature		20	°C
<b>Solubility in water</b>			
Remarks	miscible in all proportions		

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## Solubility(ies)

Remarks not determined

## Partition coefficient: n-octanol/water

Remarks not determined

## Ignition temperature

Remarks Not applicable

## Decomposition temperature

Remarks not determined

## Viscosity

### dynamic

Value < 10 mPa.s  
Temperature 20 °C

## Explosive properties

evaluation not determined

## Oxidising properties

evaluation None known

## 9.2. Other information

### 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

### 11.1. Information on toxicological effects

#### Acute oral toxicity

Species rat  
LD50 > 2000 mg/kg  
Method calculated value (Regulation (EC) No. 1272/2008)

#### Acute oral toxicity (Components)

##### Citric acid, anhydrous

Species rat  
LD50 11700 mg/kg

##### Citric acid, anhydrous

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Species	mouse	
LD50	5040	mg/kg

## 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.

## 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)

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

## Aspiration hazard

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

## 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)

##### Citric acid, anhydrous

Species	golden orfe ( <i>Leuciscus idus</i> )	
LC50	440 to 706	mg/l
Duration of exposure	96 h	

#### Daphnia toxicity (Components)

##### Citric acid, anhydrous

Species	Daphnia magna	
EC50	120	mg/l
Duration of exposure	72 h	

### 12.2. Persistence and degradability

#### General information

not determined

### 12.3. Bioaccumulative potential

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## General information

not determined

## Partition coefficient: n-octanol/water

Remarks not determined

## 12.4. Mobility in soil

### General information

not determined

## 12.5. Results of PBT and vPvB assessment

### Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

## 12.6. Other adverse effects

### General information

not determined

### General information / ecology

Do not discharge product unmonitored into the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations for the product

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### Disposal recommendations for packaging

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
14.1. UN number	Non-dangerous goods	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. Transport in bulk according to Annex II of Marpol and the IBC Code

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 %:

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polycarboxylates

## Further ingredients

preservation agents: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)

## Water Hazard Class (Germany)

Water Hazard Class (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

## VOC

VOC (EU) 0 %

## Other information

The product does not contain substances of very high concern (SVHC).

## 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 3

H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2  
Eye Irrit. 2 Eye irritation, Category 2

### 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  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
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.



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