

# neodisher GN

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Replaces Version: - / 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

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

#### Hazard statements

EUH210                      Safety data sheet available on request.

EUH208 Contains            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), May produce an allergic reaction.

### 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

**sodium cumenesulfonate**

CAS No.                      15763-76-5

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EINECS no. 239-854-6  
Registration no. 01-2119489411-37  
Concentration  $\geq 1$  < 10 %  
Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319

## fatty alcohols, alkoxylated

CAS No. 68213-24-1  
Concentration  $\geq 10$  < 25 %  
Classification (Regulation (EC) No. 1272/2008)  
Aquatic Acute 1 H400

## 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)

CAS No. 55965-84-9  
Concentration  $\geq 0,00015$  < 0,0015 %  
Classification (Regulation (EC) No. 1272/2008)  
Acute Tox. 2 H330 Route of exposure: inhalative  
Acute Tox. 2 H310 Route of exposure: dermal  
Acute Tox. 3 H301 Route of exposure: oral  
Skin Corr. 1C H314  
Eye Dam. 1 H318  
Skin Sens. 1A H317  
Aquatic Acute 1 H400  
Aquatic Chronic 1 H410

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

Skin Corr. 1C	H314	$\geq 0,6$ %
Skin Irrit. 2	H315	$\geq 0,06 < 0,6$ %
Eye Dam. 1	H318	$\geq 0,6$ %
Eye Irrit. 2	H319	$\geq 0,06 < 0,6$ %
Skin Sens. 1A	H317	$\geq 0,0015$ %
Aquatic Acute 1		M = 100
Aquatic Chronic 1		M = 100

## 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!

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## 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 > 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.

#### Storage classes

Storage class according to TRGS 510 12 Non-combustible liquids

#### Further information on storage conditions

Keep container tightly closed and dry.

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## 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  $\geq$  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 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** blue

**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

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## 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. 5,0  
Temperature 20 °C

## 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 1,02 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

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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

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

#### Acute oral toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

Species	rat		
LD50	>	2000	mg/kg
Method	EEC 84/449, B.1		

#### Acute dermal toxicity

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

#### Acute dermal toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

Species	rat		
LD50	>	5000	mg/kg

#### 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.

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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, ethoxylated, propoxylated

Species	guppy ( <i>Poecilia reticulata</i> )			
LC50	1	to	10	mg/l
Duration of exposure	96	h		
Method	OECD 203			

#### Daphnia toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

Species	Daphnia magna			
EC50	1	to	10	mg/l
Duration of exposure	48	h		
Method	OECD 202			

#### Algae toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

Species	Scenedesmus subspicatus			
EC50	1	to	10	mg/l
Duration of exposure	72	h		
Method	OECD 201			

#### Bacteria toxicity (Components)

##### fatty alcohols, ethoxylated, propoxylated

Species	Pseudomonas putida			
EC0	>	100		mg/l
Method	OECD 209			

### 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

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## 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

Not applicable



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## SECTION 15: Regulatory information

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

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

**15 % or over but less than 30 %:**

non-ionic surfactants

**less than 5 %:**

polycarboxylates, phosphonates

#### 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 2

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 2/3

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic 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
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1C	Skin corrosion, Category 1C
Skin Sens. 1A	Skin sensitization, Category 1A

#### 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

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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.