

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

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

### 1.1. Product identifier

neodisher PM 5

### 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

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

Classification (Regulation (EC) No. 1272/2008)  
Skin Irrit. 2                      H315  
Eye Irrit. 2                        H319

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

#### Hazard pictograms



#### Signal word

Warning

#### Hazard statements

H315                      Causes skin irritation.  
H319                      Causes serious eye irritation.

#### Precautionary statements

P280                      Wear protective gloves/protective clothing/eye protection/face protection.

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

## 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

##### trisodium phosphate

CAS No. 10101-89-0  
EINECS no. 231-509-8  
Registration no. 02-2119752908-24  
Concentration  $\geq 10$  < 25 %  
Classification (Regulation (EC) No. 1272/2008)  
Skin Irrit. 2 H315  
Eye Irrit. 2 H319  
STOT SE 3 H335

##### sodium carbonate peroxyhydrate

CAS No. 15630-89-4  
EINECS no. 239-707-6  
Registration no. 01-2119457268-30  
Concentration  $\geq 1$  < 7,5 %  
Classification (Regulation (EC) No. 1272/2008)  
Ox. Sol. 3 H272  
Acute Tox. 4 H302  
Eye Dam. 1 H318

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

Eye Dam. 1 H318  $\geq 25$  %  
Eye Irrit. 2 H319  $\geq 7,5 < 25$  %

##### sodium carbonate

CAS No. 497-19-8  
EINECS no. 207-838-8  
Registration no. 01-2119485498-19  
Concentration  $\geq 1$  < 10 %  
Classification (Regulation (EC) No. 1272/2008)  
Eye Irrit. 2 H319

#### Other information

Complete text of hazard statements in chapter 16

## SECTION 4: First aid measures

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

## 4.1. Description of first aid measures

### General information

Remove contaminated clothing immediately and dispose of safely. In any case show the physician the Safety Data Sheet.

### After inhalation

Ensure supply of fresh air. When dust is intensively inhaled, seek medical help immediately.

### After skin contact

Wash off immediately with soap and water. Take medical treatment.

### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

### After ingestion

If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

### 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.

#### Non suitable extinguishing media

Compatible with all usual extinguishing media.

### 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

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

#### Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## 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 the drains/surface waters/groundwater. Knock down dust with water spray jet.

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

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

## 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 safe handling

Avoid the formation and deposition of dust. Keep container tightly closed.

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

#### Recommended storage temperature

Value > -10 < 25 °C

#### Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

#### Storage classes

Storage class according to TRGS 510 13 Non- combustible solids

### 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

Do not inhale dust/fumes/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

#### Respiratory protection

Use breathing apparatus in dust-laden atmosphere. Particle filter P2

#### Hand protection

Chemical resistant gloves

Use Permanent hand contact  
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.

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

## SECTION 9: Physical and chemical properties

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

**Physical state** solid  
**Colour** white  
**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 determined

**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 11,4  
Concentration/H<sub>2</sub>O 10 %

**Viscosity**  
Remarks Not applicable

**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**  
Remarks not determined

**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 soluble

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

## Explosive properties

evaluation no

## Oxidising properties

evaluation None known

## Bulk density

Value 1100 to 1200 kg/m<sup>3</sup>

## 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 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 oral toxicity (Components)

##### sodium carbonate peroxyhydrate

Species rat  
 LD50 1034 mg/kg  
 Method Value taken from the literature

##### sodium carbonate

Species rat  
 LD50 2800 mg/kg

#### Acute dermal toxicity

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

#### Acute dermal toxicity (Components)

##### sodium carbonate peroxyhydrate

Species rabbit  
 LD50 > 2000 mg/kg  
 Method OECD 402

##### sodium carbonate

Species rabbit

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

LD50 > 2000 mg/kg

## Acute inhalational toxicity

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

## Acute inhalative toxicity (Components)

### sodium carbonate

Species mouse  
LC50 1,2 mg/l  
Duration of exposure 2 h

### sodium carbonate

Species rat  
LC50 2,3 mg/l  
Duration of exposure 2 h

## Skin corrosion/irritation

evaluation irritant  
Remarks The classification criteria are met.

## Skin corrosion/irritation (Components)

### sodium carbonate peroxyhydrate

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

## Serious eye damage/irritation

evaluation irritant  
Remarks The classification criteria are met.

## Serious eye damage/irritation (Components)

### sodium carbonate peroxyhydrate

Species rabbit eye  
evaluation irritant - risk of serious damage to eyes  
Method OECD 405

## Sensitization

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

## Sensitization (Components)

### sodium carbonate peroxyhydrate

Route of exposure dermal  
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.

## Reproduction toxicity (Components)

### sodium carbonate

Remarks No indications of toxic effects were observed in reproduction studies in animals.

## Carcinogenicity

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

## Specific Target Organ Toxicity (STOT)

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

## 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

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.

### Experience in practice

Inhalation of dusts may irritate the respiratory tract.

### 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 carbonate peroxyhydrate

Species	Fathead minnow ( <i>Pimephales promelas</i> )		
LC50	70,7		mg/l
Duration of exposure	96	h	

##### trisodium phosphate

Species	rainbow trout ( <i>Oncorhynchus mykiss</i> )		
LC50	> 100		mg/l
Duration of exposure	96	h	
Method	OECD 203		

##### sodium carbonate

Species	Bluegill ( <i>Lepomis macrochirus</i> )		
LC50	300		mg/l
Duration of exposure	96	h	

#### Daphnia toxicity (Components)

##### sodium carbonate peroxyhydrate

Species	Daphnia pulex		
EC50	4,9		mg/l
Duration of exposure	48	h	

##### sodium carbonate peroxyhydrate

Species	Daphnia pulex		
NOEC	2		mg/l
Duration of exposure	48	h	

##### trisodium phosphate

Species	Daphnia magna		
EC50	> 100		mg/l
Duration of exposure	48	h	
Method	OECD 202		

##### sodium carbonate

Species	Ceriodaphnia spec		
---------	-------------------	--	--



# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

EC50	200	to	227	mg/l
Duration of exposure	48	h		

## Algae toxicity (Components)

### trisodium phosphate

Species	Scenedesmus subspicatus			
LC50	> 100			mg/l
Duration of exposure	72	h		
Method	OECD 201			

## Bacteria toxicity (Components)

### sodium carbonate peroxyhydrate

Species	activated sludge			
EC50	466			mg/l
Duration of exposure	30	min		

## 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

### General information

not determined

### 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

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

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

## SECTION 15: Regulatory information

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

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

##### 30 % and more:

phosphates

##### less than 5 %:

oxygen-based bleaching agents, anionic surfactants, non-ionic surfactants

#### 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

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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

Skin Irrit. 2	H315
Eye Irrit. 2	H319

# neodisher PM 5

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 21.09.2022

Print date: 20.01.23

## Hazard statements listed in Chapter 2/3

H272	May intensify fire; oxidizer.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

## CLP categories listed in Chapter 2/3

Acute Tox. 4	Acute toxicity, Category 4
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Ox. Sol. 3	Oxidising solid, Category 3
Skin Irrit. 2	Skin irritation, Category 2
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  
CAS: Chemical Abstracts Service  
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  
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  
OEL: Occupational exposure limit  
TSCA: Toxic Substances Control Act (USA)  
IMO: International Maritime Organization  
GHS: Globally Harmonized System of classification and Labelling of Chemicals  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
UN: United Nations

## 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.