neodisher BioClean Pulver

Version: 1 / GB | Replaces Version: - / GB | Date revised: 26.04.2021 | Print date: 29.04.22

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

1.1. Product identifier
neodisher BioClean Pulver

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 or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Hazardous ingredients

fatty alcohol, ethoxylated

CAS No. 146340-16-1
EINECS no. 604-522-5
Concentration >= 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2	H315
Aquatic Acute 1	H400
Aquatic Chronic 3	H412

sodium carbonate peroxyhydrate

CAS No.	15630-89-4				
EINECS no.	239-707-6				
Registration no.	01-2119457268-30				
Concentration	>=	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	>= 25 %
Eye Irrit. 2	H319	>= 7,5 < 25 %

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. When dust is intensively inhaled, seek medical help immediately.

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

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental 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

Observe the usual precautions for handling chemicals.

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

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids

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/m³

Status: 2020; Remarks: Sen

Other information

There are not known any further control parameters.

8.2. Exposure controls

Respiratory protection

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

Hand protection

In case of intensive contact wear protective gloves.

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

Form	solid
Colour	white
Odour	characteristic
Odour threshold	
Remarks	not determined
pH value	
Remarks	not determined
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling range	
Remarks	not determined
Flash point	
Remarks	Not applicable
Evaporation rate (ether = 1) :	
Remarks	not determined
Flammability (solid, gas)	
evaluation	Not applicable
Upper/lower flammability or explosive limits	
Remarks	Not applicable
Vapour pressure	
Remarks	not determined

Vapour density
Remarks not determined

Density
Remarks not determined

Solubility in water
Remarks soluble

Solubility(ies)
Remarks not determined

Partition coefficient: n-octanol/water
Remarks not determined

Ignition temperature
Remarks Not applicable

Decomposition temperature
Remarks not determined

Viscosity
Remarks Not applicable

Explosive properties
evaluation no

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
Reducing agents

10.6. Hazardous decomposition products
No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE	>	10.000	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)

fatty alcohol, ethoxylated

Species	rat		
LD50	>	2000	mg/kg

sodium carbonate peroxyhydrate

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

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		

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.

Skin corrosion/irritation (Components)

sodium carbonate peroxyhydrate

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.

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.

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

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)

fatty alcohol, ethoxylated

Species	golden orfe (Leuciscus idus)		
LC50	0,6		mg/l
Method	DIN 38412 / Part 15		

sodium carbonate peroxyhydrate

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

Daphnia toxicity (Components)

fatty alcohol, ethoxylated

LC50	1,2		mg/l
Method	DIN 38412 / Part 11		

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	

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

Ready degradability (Components)

fatty alcohol, ethoxylated

12.3. Bioaccumulative potential

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

General information

not determined

Evaluation of persistance 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

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
14.1. UN 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.

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 %:

non-ionic surfactants, oxygen-based bleaching agents

Further ingredients

enzymes

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

H272	May intensify fire; oxidizer.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Ox. Sol. 3	Oxidising solid, Category 3
Skin Irrit. 2	Skin 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
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
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
CAS: Chemical Abstracts Service
TSCA: Toxic Substances Control Act (USA)
VOC: Volatile Organic Compound
OEL: Occupational exposure limit
WEL: Workplace exposure limit
LD: Lethal dose
LC: Lethal concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative
SVHC: Substances of very high concern
OECD: Organisation for Economic Co-operation and Development
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
EU: European Union

ISO: International Organization for Standardization
TRGS: Technische Regeln für Gefahrstoffe
EG: Europäische Gemeinschaft

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.