

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

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

EUH208 Contains subtilisin, May produce an allergic reaction.

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, ethoxylated, propoxylated

CAS No. 68439-51-0

Concentration ≥ 1 < 10 %

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

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

Aquatic Chronic 3 H412

sodium cumenesulfonate

CAS No. 15763-76-5
EINECS no. 239-854-6
Registration no. 01-2119489411-37
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Eye Irrit. 2 H319

2-phenoxyethanol

CAS No. 122-99-6
EINECS no. 204-589-7
Registration no. 01-2119488943-21
Concentration ≥ 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)
Acute Tox. 4 H302
Eye Dam. 1 H318
STOT SE 3 H335

subtilisin

CAS No. 9014-01-1
EINECS no. 232-752-2
Registration no. 01-2119480434-38
Concentration $\geq 0,1$ < 1 %
Classification (Regulation (EC) No. 1272/2008)
Acute Tox. 4 H302
Skin Irrit. 2 H315
Eye Dam. 1 H318
Resp. Sens. 1 H334
STOT SE 3 H335
Aquatic Acute 1 H400
Aquatic Chronic 2 H411
Route of exposure: oral

fatty alcohols, alkoxyated

CAS No. 120313-48-6
Concentration $\geq 0,1$ < 1 %
Classification (Regulation (EC) No. 1272/2008)
Skin Irrit. 2 H315
Aquatic Acute 1 H400
Aquatic Chronic 3 H412

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

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

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

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.

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

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

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 ³
Short term exposure limit		mg/m ³
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.

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
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



neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

9.1. Information on basic physical and chemical properties

Physical state liquid, clear
Colour colourless to yellowish
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 7,3
Temperature 20 °C

Viscosity
Remarks not determined

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/cm³
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

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

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

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

Acute oral toxicity

ATE	>	2.000	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)

sodium cumenesulfonate

Species	rat	
LD50	>	2000 mg/kg
Method	OECD 401	

fatty alcohols, ethoxylated, propoxylated

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

2-phenoxyethanol

Species	rat	
LD50		1850 mg/kg

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.

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

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)

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.

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			

2-phenoxyethanol

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50	220	to	460	mg/l
Duration of exposure	96	h		

fatty alcohols, alkoxylated

Species	golden orfe (<i>Leuciscus idus</i>)			
LC50	1	to	10	mg/l
Duration of exposure	96	h		

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

Daphnia toxicity (Components)

fatty alcohols, ethoxylated, propoxylated

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

2-phenoxyethanol

Species	Daphnia magna			
EC50	> 500			mg/l
Duration of exposure	48	h		

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, ethoxylated, propoxylated

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

2-phenoxyethanol

Species	Scenedesmus subspicatus			
ErC50	> 500			mg/l
Duration of exposure	72	h		

fatty alcohols, alkoxylated

Species	Scenedesmus subspicatus			
EC50	0,1	to	1	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

Biodegradability (Components)

fatty alcohols, ethoxylated, propoxylated

evaluation Readily biodegradable (according to OECD criteria)

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

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

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.

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
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

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

Date revised: 03.06.2022

Print date: 20.01.23

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

VOC

VOC (EU) 2 %

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

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Resp. Sens. 1	Respiratory sensitization, Category 1
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
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, Authorisation 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

neodisher SystemAct

Version: 6 / GB

Replaces Version: 5 / GB

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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.