

neodisher MediClean advanced

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 17.11.2025

Print date: 12.01.26

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

Use of the substance/preparation

Cleaners

Identified Uses

PC35

Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

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 Dam. 1 H318

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

Danger

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements



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P280	Wear protective gloves/protective clothing/eye protection/face protection.
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.
P310	Immediately call a POISON CENTER or doctor. Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains	trisodium 2-(carboxylatomethyl(2-hydroxyethyl)amino)ethyliminodi(acetate); 2-aminoethanol
EUH208 Contains	subtilisin, 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

2-aminoethanol

CAS No.	141-43-5			
EINECS no.	205-483-3			
Registration no.	01-2119486455-28			
Concentration	>= 1	<	5	%
Classification (Regulation (EC) No. 1272/2008)				
Acute Tox. 4	H302			Route of exposure: oral
Acute Tox. 4	H312			Route of exposure: dermal
Acute Tox. 4	H332			Route of exposure: inhalative
Skin Corr. 1B	H314			
Eye Dam. 1	H318			
STOT SE 3	H335			Route of exposure: inhalative
Aquatic Chronic 3	H412			

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

	STOT SE 3	H335	>= 5 %	
ATE	oral	1.089	mg/kg	
cATpE	dermal	1.100	mg/kg	
cATpE	inhalative, Dust/Mist	1,5	mg/l	

trisodium 2-(carboxylatomethyl(2-hydroxyethyl)amino)ethyliminodi(acetate)

CAS No.	139-89-9			
EINECS no.	205-381-9			
Registration no.	01-2119972845-22			
Concentration	>= 1	<	10	%
Classification (Regulation (EC) No. 1272/2008)				
Acute Tox. 4	H302			Route of exposure: oral
Eye Dam. 1	H318			

fatty alcohols, alkoxylated

CAS No.	120313-48-6			
Concentration	>= 0,1	<	1	%



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

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

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	Route of exposure: oral
Skin Irrit. 2	H315	
Eye Dam. 1	H318	
Resp. Sens. 1	H334	
STOT SE 3	H335	
Aquatic Acute 1	H400	
Aquatic Chronic 2	H411	

sodium lauroylsarcosinate

CAS No.	137-16-6
EINECS no.	205-281-5
Registration no.	01-2119527780-39
Concentration	$\geq 0,1$ < 1 %
Classification (Regulation (EC) No. 1272/2008)	

Acute Tox. 2	H330
Skin Irrit. 2	H315
Eye Dam. 1	H318

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

Acute Tox. 2	H330	> 34,5 %
Acute Tox. 4	H332	$\leq 34,5 \%$
Skin Irrit. 2	H315	> 30 %
Eye Irrit. 2	H319	$\geq 1 \leq 30 \%$

Further ingredients

2,2',2"-nitrilotriethanol

CAS No.	102-71-6
EINECS no.	203-049-8
Registration no.	01-2119486482-31
Concentration	≥ 10 < 25 %
Advice: [3]	

1,2-propylene glycole

CAS No.	57-55-6
EINECS no.	200-338-0
Registration no.	01-2119456809-23
Concentration	≥ 1 < 10 %
Advice: [3]	

Note

[3] Substance with occupational exposure limits

Other information

Complete text of hazard statements in chapter 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After ingestion

Rinse mouth thoroughly with water.

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

Full water jet

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. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

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

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6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. 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 formation of aerosols. Observe the usual precautions for handling chemicals. Keep container tightly closed.

Advice on protection against fire and explosion

The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	>	0	<	25	°C
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Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage classes

Storage class according to 10-13 Other combustible and non-combustible substances
TRGS 510

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

Propane-1,2-diol

List	EH40
Type	WEL
Value	10 mg/m ³

subtilisin

List	EH40
Type	WEL
Value	0.00004 mg/m ³
Short term exposure limit	mg/m ³

Remarks: Sen

2-aminoethanol

List	EH40
Type	WEL
Value	2.5 mg/m ³
Short term exposure limit	7.6 mg/m ³
Skin resorption / sensibilisation:	Sk
Remarks:	Sk

1 ppm(V)
3 ppm(V)

2-aminoethanol

List IOELV

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Type	IOELV			
Value	2,5	mg/m ³	1	ppm(V)
Short term exposure limit	7,6	mg/m ³	3	ppm(V)
Skin resorption / sensibilisation:	Sk;	Remarks:	Skin	

Other information

There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work.

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

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid, clear

Colour 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



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Flash point

Remarks Not applicable

Auto-ignition temperature

Remarks Not applicable

Decomposition temperature

Remarks
Remarks not determined

pH value

Value 10,6
Temperature 20 °C

Viscosity

kinematic

Value < 10 mm²/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 1,14 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 soluble

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

No hazardous reactions known.

10.3. Possibility of hazardous reactions



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No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

Reactions with acids and strong oxidising agents.

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)

trisodium 2-(carboxylatomethyl)(2-hydroxyethyl)amino)ethyliminodi(acetate)

Species	rat	
LD50	1612	mg/kg
Method	OECD 401	

2-aminoethanol

Species	rat	
LD50	1089	mg/kg
Method	OECD 401	

Acute dermal 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 inhalational toxicity

ATE	> 100	mg/l
Administration/Form	Vapors	
Method	calculated value (Regulation (EC) No. 1272/2008)	
ATE	> 20	mg/l
Administration/Form	Dust/Mist	
Method	calculated value (Regulation (EC) No. 1272/2008)	
Remarks	Based on available data, the classification criteria are not met.	

Acute inhalative toxicity (Components)

2-aminoethanol

Species	rat	
LC50	1487	mg/m³
Duration of exposure	4	h
Administration/Form	Vapors	

Skin corrosion/irritation

evaluation	irritant
Remarks	The classification criteria are met.

Serious eye damage/irritation

evaluation	corrosive
Remarks	The classification criteria are met.

Sensitization

Remarks	Based on available data, the classification criteria are not met.
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Sensitization (Components)

2-aminoethanol

evaluation non-sensitizing

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.

Experience in practice

Inhalation may lead to irritation of 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 alcohols, alkoxylated

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

2-aminoethanol

Species	carp (Cyprinus carpio)			
LC50	349			mg/l
Duration of exposure	96		h	

2-aminoethanol

Species	goldfish (Carassius auratus)			
LC50	170			mg/l
Duration of exposure	96		h	

Daphnia toxicity (Components)

fatty alcohols, alkoxylated



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Species	Daphnia magna				
EC50	> 0,1	to	1	mg/l	
Duration of exposure	48	h			
Method	OECD 202				

2-aminoethanol

Species	Daphnia magna				
EC50	65			mg/l	
Duration of exposure	96	h			

Algae toxicity (Components)

fatty alcohols, alkoxylated

Species	Scenedesmus subspicatus				
EC50	> 0,1	to	1	mg/l	
Duration of exposure	72	h			
Method	OECD 201				

2-aminoethanol

Species	Scenedesmus subspicatus				
EC50	22			mg/l	
Duration of exposure	72	h			

2-aminoethanol

Species	Selenastrum capricornutum				
EC50	2,5			mg/l	
Duration of exposure	72	h			
Method	OECD 201				

Bacteria toxicity (Components)

2-aminoethanol

Species	activated sludge				
EC20	> 1000			mg/l	
Duration of exposure	0,5	h			
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

General information

not determined

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no 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

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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
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

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

Ingredients (Regulation (EC) No 648/2004)

5 % or over but less than 15 %:

phosphonates

less than 5 %:

anionic surfactants, non-ionic surfactants



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Further ingredients

enzymes

Other information

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

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	Calculation method
Eye Dam. 1	H318	Calculation method

Hazard statements listed in Chapter 2/3

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
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. 2	Acute toxicity, Category 2
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
Resp. Sens. 1	Respiratory sensitization, Category 1
Skin Corr. 1B	Skin corrosion, Category 1B
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

IBC: Intermediate Bulk Container

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

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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)

ISO: International Organization for Standardization

OECD: Organisation for Economic Co-operation and Development

IMO: International Maritime Organization

UN: United Nations

EU: European Union

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.