

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

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

1.1. Product identifier

neodisher PolyKlar

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)
Aquatic Chronic 3 H412

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
Dispose only when container is empty and closed. For disposal of product residues, refer to safety data sheet.

2.3. Other hazards

The product contains no PBT or vPvB substances.

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

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

Hazardous ingredients

Citric acid, anhydrous

CAS No.	77-92-9			
EINECS no.	201-069-1			
Registration no.	01-2119457026-42			
Concentration	>= 1	<	10	%
Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2			H319
	STOT SE 3			H335

acrylates copolymer

CAS No.	880345-00-6			
Concentration	>= 1	<	10	%
Classification (Regulation (EC) No. 1272/2008)	Aquatic Chronic 2			H411

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!

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.

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

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.

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.

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

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

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	light yellow, clear
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	appr. 2,2
Temperature	20 °C

Viscosity

dynamic

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

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		1,04		g/cm ³
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 not determined

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

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

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

Acute oral toxicity (Components)

Citric acid, anhydrous

Species	rat		
LD50		11700	mg/kg

Citric acid, anhydrous

Species	mouse		
LD50		5040	mg/kg

Acute dermal toxicity

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

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.

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)

Citric acid, anhydrous

Species	golden orfe (Leuciscus idus)
---------	------------------------------

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

LC50 440 to 706 mg/l
Duration of exposure 96 h

Daphnia toxicity (Components)

Citric acid, anhydrous

Species Daphnia magna
EC50 120 mg/l
Duration of exposure 72 h

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 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

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

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

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)

less than 5 %:

polycarboxylates

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 1

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

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

Classification (Regulation (EC) No. 1272/2008)
Aquatic Chronic 3 H412

Hazard statements listed in Chapter 2/3

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

neodisher PolyKlar

Version: 2 / GB

Replaces Version: 1 / GB

Date revised: 06.01.2023

Print date: 20.01.23

CLP categories listed in Chapter 2/3

Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Irrit. 2	Eye 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, 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.