

# neodisher MediZym

Version: 3 / GB

Replaces Version: 2 / GB

Date revised: 02.06.2021

Print date: 20.01.23

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

### 1.1. Product identifier

neodisher MediZym

### 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 Australian Importer

Address:

**gke** Australia  
12/22 Lexington Drive,  
Bella Vista NSW,  
Australia 2153

Business Telephone Number: 1300 889 201

Emergency Telephone Number: Poisons Information Centre  
13 11 26

### 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

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

#### Hazardous ingredients

##### 2-phenoxyethanol

CAS No. 122-99-6

EINECS no. 204-589-7

Registration no. 01-2119488943-21

Concentration  $\geq 1$   $< 10$  %

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

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Acute Tox. 4	H302
Eye Dam. 1	H318
STOT SE 3	H335

## citric acid

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				

## Further ingredients

### 2,2',2''-nitrilotriethanol

CAS No.	102-71-6				
EINECS no.	203-049-8				
Registration no.	01-2119486482-31				
Concentration	>= 1	<	10	%	
Advice: [3]					
Classification (Regulation (EC) No. 1272/2008)					
Eye Irrit. 2	H319				

## Note

[3] Substance with occupational exposure limits

## 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.

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## 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.

#### 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

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## subtilisin

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

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

Physical state	liquid, clear
Colour	brownish
Odour	characteristic

### Melting point

Remarks	not determined
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### Freezing point

Remarks	not determined
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### Boiling point or initial boiling point and boiling range

Remarks	not determined
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### Flammability

evaluation	Not applicable
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### Upper and lower explosive limits

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Remarks Not applicable

## Flash point

Remarks Not applicable

## Ignition temperature

Remarks Not applicable

## Decomposition temperature

Remarks  
Remarks not determined

## pH value

Value 8,2  
Temperature 20 °C

## Viscosity

### dynamic

Value < 10 mPa.s

## 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 1,03 g/cm<sup>3</sup>  
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 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

Protect from heat and direct sunlight.

## 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 according to GHS (e.g see UN GHS)		
Remarks	Based on available data, the classification criteria are not met.		

#### Acute oral toxicity (Components)

##### 2-phenoxyethanol

Species	rat		
LD50		1850	mg/kg

##### citric acid

Species	rat		
LD50		11700	mg/kg

##### citric acid

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)

##### Single exposure

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

##### Repeated exposure

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## 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)

##### 2-phenoxyethanol

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

##### citric acid

Species	golden orfe ( <i>Leuciscus idus</i> )	
LC50	440 to 706	mg/l
Duration of exposure	96 h	

#### Daphnia toxicity (Components)

##### 2-phenoxyethanol

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

##### citric acid

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

#### Algae toxicity (Components)

##### 2-phenoxyethanol

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

### 12.2. Persistence and degradability

#### General information

not determined

#### Ready degradability (Components)

citric acid

### 12.3. Bioaccumulative potential

#### General information

not determined

#### Partition coefficient n-octanol/water (log value)

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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 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

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## 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 %:

anionic surfactants

##### Further ingredients

enzymes, preservation agents: 2-phenoxyethanol

### 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.
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
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  
IUCLED: 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



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guarantee for any specific product properties and shall not establish a legally valid relationship.