

Trade name: Natrii edetas

Substance number: 066148

Version: 6 / CH

Date revised: 20.11.2025

Replaces Version: 5 / CH

Print date: 20.11.25

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Natrii edetas

Item No. 06614800

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/preparation**

industry

1.3. Details of the supplier of the safety data sheet**Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS**1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification *****2.1. Classification of the substance or mixture****Classification (Regulation (EC) No. 1272/2008)**

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

Acute Tox. 4 H332

STOT RE 2 H373

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**

Warning

Hazard statements

H332

Harmful if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P271

Use only outdoors or in a well-ventilated area.

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P304+P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312

Call a POISON CENTRE or doctor if you feel unwell.

P501.3

Disposal in compliance with local and national regulations.

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

contains

Disodium dihydrogenethylenediaminetetraacetate Dihydrate

Reduced labeling (<= 125 ml)**Hazard pictograms *******Signal word *****

Warning

Hazard statements

H373

May cause damage to organs through prolonged or repeated exposure.
Respiratory tract
Route of exposure: inhalative

Precautionary statements

P271

Use only outdoors or in a well-ventilated area.

P304+P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312

Call a POISON CENTRE or doctor if you feel unwell.

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients**Hazardous ingredients****Disodium dihydrogenethylenediaminetetraacetate Dihydrate**

CAS No. 6381-92-6

EINECS no. 205-358-3

Registration no. 01-2119486775-20-0000

Concentration >= 50 %

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

Acute Tox. 4 H332

STOT RE 2 H373

Respiratory tract; Route of exposure: inhalative

cATpE

inhalative, Dust/Mist

1.5

mg/l

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove affected person from danger area. Take medical treatment. In any case show the physician the Safety Data Sheet.

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After inhalation

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

Remove contaminated, soaked clothing immediately and dispose of safely.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Never give anything by mouth to an unconscious person. Rinse out mouth and give plenty of water to drink. Take medical treatment.

4.2. Most important symptoms and effects, both acute and delayed

Coughing, Irritation of mucosa, Gastrointestinal complaints, Diarrhoea

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

Nitrous gases (NO_x)

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained 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**

Use personal protective clothing. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Rinse away rest with water. When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding personal protective measures, see Section 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid dust formation. Do not inhale dust. Wear protective equipment. Keep away from heat and sources of ignition. Smoking, eating and drinking should be prohibited in application area. Provide good

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ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion

Dust can form an explosive mixture with air. Use explosion-proof equipment/fittings and non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value	15	25	°C
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Requirements for storage rooms and vessels

Keep only in original container. Prevent unauthorized access. Keep tightly closed in a dry and cool place.

Hints on storage assembly

Do not store with oxidizing agents.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	6.1	Toxic substances

Further information on storage conditions

Keep container tightly closed, cool and dry. Protect from atmospheric moisture and water.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Do not eat or drink during work time. Do not smoke during work time. Wash hands before breaks and after work.

Respiratory protection

Particle filter half mask, filter P2

Hand protection

Gloves	
Appropriate Material	nitrile
Breakthrough time	> 8 h

Eye protection

Tightly fitting safety glasses

Body protection

protective overalls

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	Powder
Colour	white
Odour	odourless

Boiling point or initial boiling point and boiling range

Remarks	Not applicable
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Upper and lower explosive limits

Lower explosion limit	>= 40	g/m ³
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Flash point

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Value	°C
Remarks	Not applicable
Auto-ignition temperature	
Value	> 400 °C
Decomposition temperature	
Remarks	No decomposition if used as prescribed.
pH value	
Value	4 to 5
Concentration/H ₂ O	1 %
Viscosity	
Remarks	No data available
Partition coefficient n-octanol/water (log value)	
log Pow	< 0

9.2. Other information**Evaporation rate**

Remarks Not applicable

Solubility in water

Value appr. 100 g/l

Auto-ignition temperatureValue >= 200 °C
Method EN 50281-2-1**Explosive properties**

evaluation Not applicable

Oxidising properties

evaluation None known

Bulk densityValue appr. 600 kg/m³**Other information**

The product is not dangerous for explosions.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Avoid dust formation. The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.

10.4. Conditions to avoid

Avoid dust formation.

10.5. Incompatible materials

None known

10.6. Hazardous decomposition productsIn the event of fire the following can be released: nitrous oxides (NO_x), Carbon monoxide and carbon

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dioxide

SECTION 11: Toxicological information

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

Acute oral toxicity

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

Acute dermal toxicity

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

Acute inhalational toxicity

ATE 1.5 mg/l

Administration/Form Dust/Mist

Method calculated value according to GHS (e.g see UN GHS)

Remarks The classification criteria are 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 No data available.

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 The classification criteria are met.

evaluation May cause damage to organs through prolonged or repeated exposure

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

This substance does not have endocrine disrupting properties with respect to humans.

SECTION 12: Ecological information

12.1. Toxicity

General information

Test conducted with a similar formulation.

12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (log value)

log Pow < 0

12.4. Mobility in soil**General information**

There is no data available on the product apart from the information given in this subsection.

12.5. Results of PBT and vPvB assessment**General information**

Not applicable

Results of PBT and vPvB assessment

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information / ecology**

Harmful to aquatic organisms. Do not allow it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

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.
14.5. Environmental hazards	-		

SECTION 15: Regulatory information *****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class (Germany) WGK 2

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

Other information ***The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.

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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)

Acute Tox. 4

H332

Calculation method

STOT RE 2

H373

Calculation method

Hazard statements listed in Chapter 2/3

H332

Harmful if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

CLP categories listed in Chapter 2/3

Acute Tox. 4

Acute toxicity, Category 4

STOT RE 2

Specific target organ toxicity - repeated exposure, Category 2

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.