

Trade name: Natriumbisulfit Lösung 30% rein/Brenntag

Substance number: 337780

Version: 5 / CH

Date revised: 05.02.2025

Replaces Version: 4 / CH

Print date: 05.02.25

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

1.1. Product identifier

Natriumbisulfit Lösung 30% rein/Brenntag

Item No. 33778000

Registration no.

Registration no. 01-2119531326-45-XXXX

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

food industry, Bleaching agent

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)

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

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P310

Immediately call a POISON CENTER or doctor.

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

contains

sodium metabisulphite

2.3. Other hazards

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 *****Hazardous ingredients****sodium metabisulphite**

CAS No. 7681-57-4

EINECS no. 231-673-0

Registration no. 01-2119531326-45-XXXX

Concentration >= 25 < 50 %

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

Acute Tox. 4 H302

Eye Dam. 1 H318

ATE oral 1'540 mg/kg

Further ingredients *****water**

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration >= 50 %

Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air.

After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. Wash skin thoroughly with water (15 min.).

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Drink water in small gulps. Summon a doctor immediately.

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

Irritation of mucosa

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media

Extinguishing measures to suit surroundings

Non suitable extinguishing media

not applicable

5.2. Special hazards arising from the substance or mixture

The product is not combustible. If a fire breaks out nearby evolution of dangerous gases possible.

Sulfuroxides (SO_x)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

Other information

Suppress vapours with water spray jet. Collect contaminated fire-fighting water separately, must not be discharged into the drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away unprotected persons. Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder). Send in suitable containers for recovery or disposal.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe safety references and application instructions mentioned on can. Avoid contact with skin, eyes and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Storage classes

Storage class according to TRGS 510 12

Storage category (Switzerland) 8

Non-combustible liquids

Caustic and corrosive substances

Further information on storage conditions

Observe label precautions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Trade name: Natriumbisulfit Lösung 30% rein/Brenntag

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Exposure limit values**sodium metabisulphite**

List	SUVA	
Type	MAK	
Value	5	mg/m ³
Remarks:	OAWKT	

Derived No/Minimal Effect Levels (DNEL/DMEL)**sodium metabisulphite**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	10	mg/m ³

Predicted No Effect Concentration (PNEC)**sodium metabisulphite**

Type of value	PNEC	
Type	Freshwater	
Concentration	1.0	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	0.1	mg/l
Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	75.4	mg/l

8.2. Exposure controls**General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks.

Respiratory protection

Breathing apparatus in the event of aerosol. Particle filter P2

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Use	Permanent hand contact
Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Breakthrough time	> 480 min
Use	Short-term hand contact
Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 m
Breakthrough time	> 480 min

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

Physical state	liquid
Colour	yellowish, clear

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Melting point

Remarks Not applicable

Flash pointValue °C
Remarks Not applicable**pH value**Value 3.5 to 5
Concentration/H₂O 50 g/l
Temperature 20 °C**Partition coefficient n-octanol/water (log value)**Reference substance sodium metabisulphite
log Pow -3.7**Vapour pressure**

Remarks Not applicable

Density and/or relative density

Value 1.240 to 1.270 g/ml

9.2. Other information**Solubility in water**

Remarks Not applicable

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

Exothermic reaction with: Oxidising agents, Nitrites, nitrates, sulfides, Formation of gas with: Acids

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**ATE 5'133.33 mg/kg
33

Method calculated value (Regulation (EC) No. 1272/2008)

Acute oral toxicity (Components)**sodium metabisulphite**Species rat
LD₅₀ 1540 mg/kg
Method OECD 401**Acute dermal toxicity (Components)****sodium metabisulphite**Species rat
LD₅₀ > 2000 mg/kg
Source RTECS**Acute inhalative toxicity (Components)****sodium metabisulphite**

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Remarks No data available.

Skin corrosion/irritation (Components)**sodium metabisulphite**

Species rabbit
 Method OECD 404
 Remarks None

Serious eye damage/irritation (Components)**sodium metabisulphite**

Species rabbit
 evaluation irritant - risk of serious damage to eyes
 Method OECD 405

Sensitization (Components)**sodium metabisulphite**

Species guinea pig
 evaluation non-sensitizing

Mutagenicity (Components)**sodium metabisulphite**

evaluation No mutagenicity in the Ames-test.
 Method OECD 471

Reproduction toxicity (Components)**sodium metabisulphite**

evaluation No negative effects
 Source IUCLID

Carcinogenicity (Components)**sodium metabisulphite**

evaluation No negative effects
 Source IUCLID

Specific Target Organ Toxicity (STOT) (Components)**sodium metabisulphite**

Remarks Not applicable

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.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****sodium metabisulphite**

Species rainbow trout (*Oncorhynchus mykiss*)
 LC50 150 to 220 mg/l
 Duration of exposure 96 h
 Method DIN 38412 T.15

Daphnia toxicity (Components)**sodium metabisulphite**

Species Daphnia magna
 EC50 89 mg/l

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Duration of exposure 48 h
Method OECD 201

Algae toxicity (Components)**sodium metabisulphite**

Species Desmodesmus subspicatus
IC50 48 mg/l
Duration of exposure 72 h
Method OECD 201

Bacteria toxicity (Components)**sodium metabisulphite**

Species Pseudomonas putida
EC50 56 mg/l
Duration of exposure 17 h
Source IUCLID

12.2. Persistence and degradability**Physico-chemical eliminability (Components)****sodium metabisulphite**

Remarks No data available.

Biodegradability (Components)**sodium metabisulphite**

Remarks Not applicable.

Ready degradability (Components)**sodium metabisulphite**

Remarks Not applicable.

Chemical oxygen demand (COD) (Components)**sodium metabisulphite**

Value 165 mg/g

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water (log value)**

Reference substance sodium metabisulphite
log Pow -3.7

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 non-target organisms.

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

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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	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.

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 1

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H302

Harmful if swallowed.

H318

Causes serious eye damage.

CLP categories listed in Chapter 3

Acute Tox. 4

Acute toxicity, Category 4

Eye Dam. 1

Serious eye damage, Category 1

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.