

Trade name: Natriumbisulfit Lösung 30% rein/Brenntag

Substance number: 337780

Version: 4 / CH

Date revised: 28.01.2020

Replaces Version: 3 / CH

Print date: 28.01.20

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

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

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**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

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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	Non-combustible liquids
Storage category (Switzerland)	8	Caustic and corrosive substances

Further information on storage conditions

Observe label precautions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Sodium metabisulphite

List	SUVA	
Type	MAK	
Value	5	mg/m ³
Status: 2017; Remarks: OAWKT		

8.2. Exposure controls

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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**

Form	liquid
Colour	yellowish, clear
pH value	
Value	3.5 to 5
Concentration/H ₂ O	50 g/l
Temperature	20 °C
Melting point	
Remarks	Not applicable
Flash point	
Value	°C
Remarks	Not applicable
Vapour pressure	
Remarks	Not applicable
Density	
Value	1.240 to 1.270 g/ml
Solubility in water	
Remarks	Not applicable
Partition coefficient: n-octanol/water	
Reference substance	Sodium metabisulphite
log Pow	-3.7

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.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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	

Sensitization (Components)

Sodium metabisulphite

Species	guinea pig
evaluation	non-sensitizing

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity (Components)

Sodium metabisulphite

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LC50	150	to	220
Duration of exposure	96	h	
Method	DIN 38412 T.15		

Daphnia toxicity (Components)

Sodium metabisulphite

Species	Daphnia magna		
EC50	89		mg/l
Duration of exposure	48	h	
Method	OECD 202		

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		

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12.2. Persistence and degradability**Chemical oxygen demand (COD) (Components)****Sodium metabisulphite**

Value 165 mg/g

12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**Reference substance Sodium metabisulphite
log Pow -3.7**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	Non-dangerous goods	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.