

Trade name

Substance number: 066308

Version: 2 / CH

Date revised: 17.12.2018

Replaces Version: 1 / CH

Print date: 01.10.19

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

1.1. Product identifier

Item No. 06630800

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
person responsible
for this SDS sdb@haenseler.ch

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 H302

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

H302 Harmful if swallowed.
H318 Causes serious eye damage.
EUH031 Contact with acids liberates toxic gas.

Precautionary statements

P264.1 Wash hands thoroughly after handling.

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P280.1 Wear 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.
P313 Get medical advice/attention.
P501.3 Disposal in compliance with local and national regulations.

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	>= 77		%
Classification (Regulation (EC) No. 1272/2008)			
	Acute Tox. 4		H302
	Eye Dam. 1		H318

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

Causes very strong irritations of the eyes, skin and mucous membranes.

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

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

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

Use self-contained breathing apparatus.

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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**

Do not inhale dust. Keep away unprotected persons. Avoid contact with eyes and skin. Ensure adequate ventilation. 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

Take up mechanically and collect in suitable container for disposal. After cleaning, flush away traces with water. Avoid raising dust.

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.

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**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

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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	Powder
Colour	colourless
Odour	slightly perceptible
pH value	
Value	3.5 to 5
Concentration/H ₂ O	50 g/l
Temperature	20 °C
Melting point	
Value	appr. 150 °C
Flash point	
Value	°C
Remarks	Not applicable
Vapour pressure	
Remarks	No data available
Density	
Value	1.0 to 1.2 kg/dm ³
Source	Safety Data Sheet Supplier
Solubility in water	
Value	470 g/l
Temperature	20 °C
Source	Safety Data Sheet Supplier
Partition coefficient: n-octanol/water	
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

Keep away from sources of heat and ignition.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE	1'540	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

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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 evaluation	guinea pig non-sensitizing
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SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****Sodium metabisulphite**

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
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
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		

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

Value	165	mg/g
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12.3. Bioaccumulative potential**Partition coefficient: n-octanol/water**

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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 Classification according to Annex 4 VwVwS

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.