

SODIUM METABISULPHITE

Code : 3934

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Harmful

Responsible for distribution:

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1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name : SODIUM METABISULPHITE
Product Code : 3934
* Identification of the product
* - Type of product : Pure product .
* - Use of product : Several industrial applications (Preservative , ...).
* Company identification : See heading of Material Safety Data Sheet.
* Emergency phone number : See heading of Material Safety Data Sheet.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	Weight %	CAS nr / EC nr / EC annex nr	Symbol(s)	R-Phrase(s)
* <u>Sodium metabisulphite</u> :	> 97 %	007681-57-4 / 231-673-0 / 016-063-00-2	Xn	22-31-41
Limit value (Belgium)	: 5 mg/m ³			

The full text of the R-phrases is in chapter 16.

3. HAZARD IDENTIFICATION

* Harmful (Xn) : R22 - Harmful if swallowed.
* Irritant (Xi) : R41 - Risk of serious damage to eyes.
* Other : R31 - Contact with acids liberates toxic gas.

4. FIRST AID MEASURES

General : In case of doubt or persistent symptoms, call a physician.
Never give anything by mouth to an unconscious person.
First Aid Measures
- Inhalation : Remove victim into fresh air.
Allow the affected person to rest.
Consult doctor.
- Skin Contact : Remove contaminated clothing and shoes.
Rinse immediately with plenty of water. (shower if necessary).
- Eye Contact : Rinse immediately thoroughly and long (at least 15 min.) with plenty of water.
Remove contact lenses.
Take to eye doctor afterwards.
- Ingestion : DO NOT INDUCE VOMITING. Rinse mouth with water.
Give 2 glasses of water to drink.
Take patient to hospital IMMEDIATELY.

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5. FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable

: Incombustible product.

In case of nearby fire, use of all extinguishing media allowed.

* Special Procedures

: Apply water spray or fog to cool nearby equipment. Avoid fire-fighting water to enter environment.

Special Protective Equipment for Firefighters

: Use self-contained breathing apparatus when in close proximity to fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

: Evacuate all personnel immediately and ventilate area. Avoid breathing powder.

Avoid contact with eyes.

Wear recommended personal protective equipment. (See chapter 8).

Methods for Cleaning Up

: Collect the spillage in closable, suitable disposal containers.

Residue is to be washed down with plenty of water.

Neutralise rinse liquid with base.

7. HANDLING AND STORAGE

* Handling

: STRONG HYGIENE ! Ventilate area.

Avoid breathing powder and contact with eyes.

Wear recommended personal protective equipment. (See chapter 8).

Storage

: Dry and cool area.

Keep away from : Strong acids .

8. MEASURES EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Measures to Reduce Exposure

: Ventilate area.

Industrial Hygiene

: When using, do not eat, drink or smoke.

Emergency eye wash fountains and showers should be available in the immediate vicinity of any potential exposure.

Occupational Exposure Limits

: See chapter 2.

Personal Protection Equipment

* - Respiratory Protection

: Ventilation , Local exhaust .

Respiratory protection equipment (Filter type P2).

- Hand Protection

: Gloves (Butylrubber, PVC, ...).

- Eye Protection

: Chemical goggles .

- Skin and Body Protection

: Suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State (20°C)

: Powder .

Form/Colour

: White .

Odour

: Sulphur-like.

pH Value

: 3,8 - 5,3 (5% Sol.)

Boiling Point/Range (1013 hPa)

: Not applicable.

Congeaing/Melting point

: 150 °C

Flash point (CC)

: Not applicable.

Auto-Ignition Temperature

: Not applicable.

Solubility in Water

: 54 g/100 ml

Relative density (water = 1)

: 1,4

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10. STABILITY AND REACTIVITY

- Stability : Stable at normal circumstances.
Materials to Avoid : Strong acids .
Hazardous Decomposition Products : Sulfur dioxide (SO₂).

11. TOXICOLOGICAL INFORMATION

- Acute Toxicity
- Inhalation : May cause irritation of respiratory tract.
Symptoms include: Cough , Shortness of breath , Sore throat .
- Skin Contact : May cause irritation or allergies.
Symptoms include: Redness .
* - Eye Contact : Irritating to eyes. Risk of serious damage to eyes.
Symptoms include: Pain , Redness , Burns .
- Ingestion : High concentrations : Stinging .
Symptoms include: Abdominal cramps , Nausea , Vomiting , Dizziness , Diarrhea .

12. ECOLOGICAL INFORMATION

- Mobility : Product completely soluble in water.
Ecotoxicity : Undiluted product or big quantities of product may not be discharged in surface waters or in sewers.

13. DISPOSAL CONSIDERATIONS

- Waste from Residues/Unused Products : The product has to be destroyed according to national or local legislation, by a company specialised in handling hazardous waste products.
Removal contaminated Packaging : Packing is to be used exclusively for the packing of this product. After use, empty the packaging very carefully.

14. TRANSPORT INFORMATION

- Land (Road/Railroad, ADR/RID) : Product not mentionned in list of dangerous goods for road transport.
Sea Transport (IMDG) : Product not mentionned in list of dangerous goods for sea transport.

15. REGULATORY INFORMATION

- Name dangerous component : Sodium metabisulphite
* EC Number : 231-673-0
Symbol(s) : Harmful (Xn).
* R-Phrases : R22 - Harmful if swallowed.
R31 - Contact with acids liberates toxic gas.
R41 - Risk of serious damage to eyes.
* S-Phrases : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 - Wear eye/face protection.
S46 - If swallowed seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

- * This safety data sheet has been drawn up in accordance with the Directive 2001/58/EC.
This safety data sheet is exclusively made for industrial/professional use.
* Has changed compared to previous revision.

- * Changes : E.g. Directive 2001/59/EC: 28° adaptation of Directive 67/548/EEC
* R-phrases : R22 - Harmful if swallowed.

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16. OTHER INFORMATION (continued)

* Sources of key data used

R31 - Contact with acids liberates toxic gas.

R41 - Risk of serious damage to eyes.

: The information contained herein is based on the present state of our knowledge (Producer , Chemical cards , ...).

This information is to our knowledge correct and complete on the date of issue of this safety data sheet.

The information only concerns the product and does not give any guarantee for the quality and the completeness of the properties of the product, or in case of mixing or using in any other process. It remains the responsibility of the user to assure himself that the information is suitable and complete concerning the special use he makes of the product.

BRENNTAG NV denies all responsibility for loss or damage resulting from the use of these data.

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