

Trade name: Methylthionini chloridum BP1973

Substance number: 181510

Version: 2 / CH

Date revised: 18.05.2016

Replaces Version: 1 / CH

Print date: 18.05.16

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

1.1. Product identifier

Methylthionini chloridum BP1973

Item No. 18151000

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 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)

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Acute Tox. 4 H302

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

H302 Harmful if swallowed.

Precautionary statements ***

P264.1 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P330 Rinse mouth.
P501.3 Disposal in compliance with local and national regulations.

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

contains methylthioninium chloride

2.3. Other hazards

No special hazards have to be mentioned.

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SECTION 3: Composition/information on ingredients ***

3.1. Substances

Hazardous ingredients (Regulation (EC) No. 1272/2008) ***

methylthioninium chloride

CAS No. 61-73-4

EINECS no. 200-515-2

Concentration \geq 58 %

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

Acute Tox. 4 H302

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

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

After skin contact

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

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

After ingestion

Rinse mouth thoroughly with water. Summon a doctor immediately.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Foam

5.2. Special hazards arising from the substance or mixture

The product is combustible. Forms explosive mixture with air are possible. Carbon monoxide (CO); Carbon dioxide (CO₂); Nitrogen oxides (NO_x)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear protective equipment

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Avoid raising dust. Pick up mechanically. Ensure adequate ventilation. Send in suitable containers for recovery or disposal.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Wear protective equipment

7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep container tightly closed. Keep container in a cool, well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Do not eat, drink or smoke during work time. Wash thoroughly after work. Avoid contact with skin and eyes. Hold eye wash fountain available. Do not breathe dust. Wash contaminated clothing before reuse.

Respiratory protection

necessary

Hand protection

Gloves of nitrile rubber - NBR

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

nitrile rubber - NBR

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

Eye protection

Safety glasses with side protection shield

Body protection

apron; Boots

SECTION 9: Physical and chemical properties ***

9.1. Information on basic physical and chemical properties

Form	Powder
Colour	blue
Odour	characteristic

Initial boiling point and boiling range

Remarks	not determined
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Flash point

Remarks	Not applicable
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Vapour pressure

Remarks	Not applicable
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Solubility in water

Value	40	g/l
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Temperature	20	°C
Remarks	easily soluble	

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

Reactions with reducing agents. Strong oxidising agents, Acids, Bases

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Reducing agents

10.4. Conditions to avoid

Protect from direct sunlight. Protect from atmospheric moisture and water.

10.5. Incompatible materials

Acids, Alkalies, Reducing agents, Oxidising agents

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

ATE	1'180	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)	

Acute oral toxicity (Components)**methylthioninium chloride**

Species	rat	
LD50	1180	mg/kg
Source	RTECS	

Skin corrosion/irritation

Remarks No data available.

Serious eye damage/irritation

Remarks No data available.

Mutagenicity

Remarks No data available.

Carcinogenicity

Remarks No data available.

Experience in practice

After Swallowing: methaemoglobinaemia. cyanosis. vomiting. diarrhea

SECTION 12: Ecological information *****12.2. Persistence and degradability****Biodegradability**

Remarks No data available.

12.6. Other adverse effects

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General information / ecology

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**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

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 3

Remarks Classification according to Annex 4 VwVwS

SECTION 16: Other information**R-phrases listed in Chapter 3**

22 Harmful if swallowed.

Hazard statements listed in Chapter 3

H302 Harmful if swallowed.

CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4

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.