



Trade name: Merbrominum natricum

Substance number: 065592

Version: 1 / CH

Date revised: 05.04.12

Replaces Version: - / CH

Date of printing: 05.04.12

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Merbrominum natricum

Item-No. 06559200

### 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

## 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. 2	H300
Acute Tox. 1	H310
Acute Tox. 1	H330
STOT RE 2	H373
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

#### Classification in accordance with EC directives

Classification T+, R26/27/28  
R33  
N, R50/53

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal Word

Warning

#### Hazard statements

H300	Fatal if swallowed.
H310	Fatal in contact with skin.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure:
H410	Very toxic to aquatic life with long lasting effects.



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**Precautionary statements**

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P310	Immediately call a POISON CENTER or doctor/physician.
P320	Specific treatment is urgent (see ... on this label).
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P405	Store locked up.
P501.3	Disposal in compliance with local and national regulations.

**Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC**

The product is classified and labelled in accordance with EC directives/the relevant national laws.

**Hazard symbols**

Dangerous for the environment



Very toxic

**R phrases**

26/27/28	Very toxic by inhalation, in contact with skin and if swallowed.
33	Danger of cumulative effects.
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**S phrases**

28	After contact with skin, wash immediately with plenty of . . . (to be specified by the manufacturer).
36/37	Wear suitable protective clothing and gloves.
45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
57	Use appropriate container to avoid environmental contamination.
60	This material and its container must be disposed of as hazardous waste.
61	Avoid release to the environment. Refer to special instructions/Safety data sheets.

**Hazardous component(s) to be indicated on label**

contains merbromin

**3. Composition/information on ingredients****Hazardous ingredients****merbromin**

CAS No.	129-16-8			
EINECS no.	204-933-6			
Concentration		>=	50	%
Classification	T, R26/27/28 R33 N, R50/53			

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

H300  
H310  
H330  
H373  
H400  
H410



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## **4. First aid measures**

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Keep under medical supervision for at least 48 hours. Irregular breathing/no breathing: artificial respiration. Take affected person to fresh air. Do not leave casualty unattended. Seek medical advice immediately.

#### **After inhalation**

Ensure supply of fresh air. If necessary, give oxygen. Seek medical advice immediately. If the patient is likely to become unconscious, place and transport in stable sideways position.

#### **After skin contact**

Wash off immediately with soap and water and rinse well. Seek medical advice immediately.

#### **After eye contact**

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

#### **After ingestion**

Do not induce vomiting. By continuous complaints consult a physician. Turn a vomiting person lying on his back onto his side. Summon a doctor immediately.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Extinguishing measures to suit surroundings

### **5.2. Special hazards arising from the substance or mixture**

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Wear full protective suit.

#### **Other information**

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Ensure supply of fresh air.

### **6.2. Environmental precautions**

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### **6.3. Methods and material for containment and cleaning up**

Ensure adequate ventilation. Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust).

### **6.4. Reference to other sections**

Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13.



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## **7. Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

No special requirements. Provide good ventilation of working area (local exhaust ventilation if necessary). Open and handle container with care. Avoid dust formation.

#### **Advice on protection against fire and explosion**

Hold breathing apparatus.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Further information on storage conditions**

Keep in a cool place. Keep container tightly closed.

## **8. Exposure controls/personal protection**

### **8.2. Exposure controls**

#### **General protective and hygiene measures**

Observe the usual precautions when handling chemicals. Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Store work clothing separately. Avoid contact with eyes and skin.

#### **Respiratory protection**

Short term: filter apparatus; At intensive and longer exposition use self-contained breathing apparatus.

#### **Hand protection**

Protective gloves

Appropriate Material

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.

#### **Eye protection**

Face shield

#### **Body protection**

protective overalls

## **9. Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Form</b>	Flakes, ground, pressed
<b>Form</b>	Granules
<b>Colour</b>	green
<b>Odour</b>	odourless
<b>Melting point</b>	
Value	> 300 °C
<b>Boiling point</b>	
Remarks	Not determined
<b>Flash point</b>	
Remarks	Not applicable
<b>Density</b>	
Remarks	Not determined
<b>Solubility in water</b>	



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Value	g/l	
Temperature	20	°C
Remarks	soluble	

## 9.2. Other information

### Other information

The product is not dangerous for explosions.

## 10. Stability and reactivity

### 10.5. Incompatible materials

Acids

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Skin corrosion/irritation

Remarks	Strong corrosive action on the skin and mucous membrane.
Remarks	Regular contacts specially after drying, can lead to skin and eye irritation.

#### Serious eye damage/irritation

Remarks	Contact of the product with skin or eyes may cause irritation.
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#### Sensitization

Remarks	Sensitisation possible through inhalation.
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## 12. Ecological information

### 12.1. Toxicity

#### Fish toxicity

Remarks	Very toxic for fishes.
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### 12.6. Other adverse effects

#### General information / ecology

Very toxic for aquatic organisms.

## 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.

## 14. Transport information

### Land transport ADR/RID

#### 14.1. UN number

UN 2025

#### 14.2. UN proper shipping name

MERCURY COMPOUND, SOLID, N.O.S



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**14.3. Transport hazard class(es)**

Class 6.1

Label 6.1

**14.4. Packing group**

Packing group II

**Marine transport IMDG/GGVSee****14.1. UN number**

UN 2025

**14.2. UN proper shipping name**

MERCURY COMPOUND, SOLID, N.O.S

**14.3. Transport hazard class(es)**

Class 6.1

**14.4. Packing group**

Packing group II

**Air transport ICAO/IATA****14.1. UN number**

UN 2025

**14.2. UN proper shipping name**

MERCURY COMPOUND, SOLID, N.O.S

**14.3. Transport hazard class(es)**

Class 6.1

**14.4. Packing group**

Packing group II

**15. Regulatory information****15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**16. Other information****R-phrases listed in chapter 3**

26/27/28

Very toxic by inhalation, in contact with skin and if swallowed.

33

Danger of cumulative effects.

50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Hazard statements listed in chapter 3**

H300

Fatal if swallowed.

H310

Fatal in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure:

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

**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.