



Trade name: Natrii bromidum

Substance number: 065912

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

Natrii bromidum

Item-No. 06591200

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

2.2. Label elements

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

The product does not require a hazard warning label in accordance with EC Directives.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 7647-15-6

EINECS-Nr. 231-599-9

4. First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off immediately with plenty of water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Let plenty of water be drunk in small gulps. Induce vomiting, seek medical advice.

5. Firefighting measures

5.1. Extinguishing media



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Suitable extinguishing media

Extinguishing measures to suit surroundings

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. In the event of fire the following can be released: Hydrogen bromide (HBr)

6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Do not inhale dust.

6.3. Methods and material for containment and cleaning up

To pick up dry

7. Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special requirements.

7.2. Conditions for safe storage, including any incompatibilities**Recommended storage temperature**

Value 15 - 25 °C

Further information on storage conditions

Keep container tightly closed. Store in a dry place

8. Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions when handling chemicals.

Respiratory protection

If ventilation insufficient, use a respiratory protection apparatus.

Hand protection

Protective gloves

Appropriate Material Natural Latex

Appropriate Material rubber

Eye protection

Safety glasses

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** solid**Colour** colourless**Odour** odourless**pH**

Value appr. 5.4

Concentration/H₂O 50 g/l

Temperature 20 °C



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Melting point

Value 747 °C

DensityValue 3.2 g/cm³

Temperature 20 °C

Solubility in water

Value 790 g/l

Temperature 20 °C

10. Stability and reactivity**10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

Alkaline metals, Reactions with halogenated compounds. Fluorine, Strong oxidising agents

10.6. Hazardous decomposition products

In the event of fire the following can be released: Bromine, Hydrogen bromide

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**Species mouse
LD50 7 g/kg**Acute dermal toxicity**Species rabbit
LD50 > 2000 mg/kg**Sensitization**

Remarks Allergic reaction possible.

Carcinogenicity

valuation No negative effects

Other information

By appropriate use of the product no health damage is known.

12. Ecological information**12.1. Toxicity****Fish toxicity**Species golden orfe (Leuciscus idus)
LC50 > 10000 mg/l**Daphnia toxicity**Species Daphnia magna
EC50 9313 mg/l
Duration of exposure 24 h**12.6. Other adverse effects****General information / ecology**

Ecological injuries are not known or expected under normal use.



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13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code

Small amounts can be disposed together with rubbish.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

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.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water Hazard Class (Ger.)

Water Hazard Class (Ger.) WGK 1

Remarks Self-assessment

16. Other information

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.