


<p>Page 1 of 4</p> <p>Print Date 27.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wismuttribromphenolat, API</p>	 <p>Revision Date 27.11.2018</p>
---	---	---

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

• **Informations to product No. 2100**

• **Product name:**

Wismuttribromphenolat, API

Bismutum tribromphenylicum

Bismuth tribromophenolate

• **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

• **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

• **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

• **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

2 Hazards identification

• **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

• **Chemical characterization:**

CAS-No. Substance name

5175-83-7 Bismuth tribromophenolate

• **EINECS-No.:** 225-958-9

• **REACH Reg. No.:** (pre-registered)

• **INCI-Name:** -


4 First aid measures

• **after inhalation:** Fresh air. Seek medical advice.

• **after skin contact:** Wash away with water and soap.

• **after eye contact:** Rinse out with plenty of water with the eyelid wide open.

• **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

<p>Page 2 of 4</p> <p>Print Date 27.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wismuttribromphenolat, API</p>	 <p>Revision Date 27.11.2018</p>
---	---	---

5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible, but not flammable. In case of fire dangerous vapours/gases can be generated: Bromine, Hydrogen bromide.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures

- **Personal protective measures:** Avoid dust formation and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Storage:**
- **Requirements for storage areas and containers:**
Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

8 Exposure controls / personal protective equipment


- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Dust protection mask
- **Hand protection:** Protection gloves of latex or rubber
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Form:** solid
- **Colour:** yellow
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Density:** not determined
Bulk density: 800 kg/cbm
- **Solubility in / Miscibility with**
- **Water:** not soluble
- **pH-range:** not determined

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Strong heating.

<p>Page 3 of 4</p> <p>Print Date 27.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wismuttribromphenolat, API</p>	 <p>Revision Date 27.11.2018</p>
---	---	---

- **Materials to avoid:** Strong acids.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** Bromine, hydrogen bromide, phenols.

11 Toxicological information

- **Acute toxicity:**

Bismuth and its compounds can cause kidney damages, which are generally not serious. Bismuth is one of the less toxic heavy metals, but intoxications are known from the medical application. Serious / dangerous intoxications can be caused by injections into closed body cavities.

- **Primary irritant effect:**
- **on eyes:** Irritations possible.

12 Ecological information

- **Ecotoxic effects:**

Not readily soluble in water. Low toxicity for water organisms.

- **General information:** Prevent from entering into ground water or drainage, even in small quantities.
- **Water hazard class:** 2 (self classification): hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.
- **Empty contaminated packaging:**
- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**
- Not classified as dangerous in the meaning of transport regulations.


15 Regulatory information

- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**

The product does not need to be labelled according to GHS-regulations.

- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

16 Other Information

<p>Page 4 of 4</p> <p>Print Date 27.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wismuttribromphenolat, API</p>	 <p>Revision Date 27.11.2018</p>
---	---	---

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

• **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.