


<p>Page 1 of 4</p> <p>Print Date 20.05.2019</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Bifonazol, API</p>	 <p>Revision Date 20.05.2019</p>
---	---	---

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

- **Informations to product No. 5087**
- **Product name:**

Bifonazol, API Bifonazolium

- **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

- **GHS-Labeling Elements:**



- **Signal word:** Warning

- **H - Phrases:**

H302 Harmful if swallowed

- **P- Phrases:**

P301 IF SWALLOWED:

P312 Call a POISON CENTER or doctor/physician if you feel unwell


Acute Tox. 4

3 Composition / information on ingredients

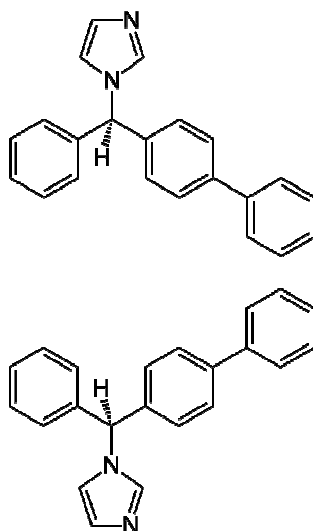
- **Chemical characterization:**

CAS-No. Substance name

60628-96-8 Bifonazol

<p>Page 2 of 4</p> <p>Print Date 20.05.2019</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Bifonazol, API</p>	 <p>Revision Date 20.05.2019</p>
---	---	---

- **EINECS-No.:** 262-336-6
- **REACH Reg. No.:** (pre-registered)
- **INCI-Name:** -



4 First aid measures


- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately.
- **after skin contact:** Wash away with plenty of water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

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 gases / vapours can be released: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.
- **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 leaking into sewage water, ground water system or surface waters. Clean up floor with tenside containing water thoroughly.
- **Methods for cleaning:**
Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

<p>Page 3 of 4</p> <p>Print Date 20.05.2019</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Bifonazol, API</p>	 <p>Revision Date 20.05.2019</p>
---	---	---

7 Handling and storage

- **Handling:**
- **Advice on safe handling:** Ensure good ventilation/exhaustion at the workplace. Handling corresponding to laboratory safety guidelines.
- **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:**
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of rubber or latex.
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** nearly odourless
- **Melting point / melting range:** 142 °C
- **Decomposition temperature:** >140 °C
- **Density:** Not determined.
- **Vapour pressure:** Not determined.
- **Density:** Not determined.
- **Solubility in / Miscibility with**
- **Water:** Not readily soluble.

10 Stability and reactivity

- **Hazardous decomposition products:** Carbon monoxide, carbon dioxide..
- **Additional information:** Sensible against moisture and alkaline substances.

11 Toxicological information

- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**
60628-96-8 Bifonazol
Oral: LD50: 1463 mg/kg (rat)
- **Primary irritating effect:**
- **on respiratory ways:** After inhalation irritations in respiratory ways.
- **after swallowing:** (Big quantities) Vomiting, illness , gastrointestinal disorder, dizziness.
- **Sensitization:** No data available.

<p>Page 4 of 4</p> <p>Print Date 20.05.2019</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Bifonazol, API</p>	 <p>Revision Date 20.05.2019</p>
---	---	---

12 Ecological information

- **Aquatic toxicity:**
No data available.
- **General advices:** Fungicide effect.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste or organic laboratory chemicals.
- **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 is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Warning
- **H - Phrases:**
H302 Harmful if swallowed
- **P- Phrases:**
P301 IF SWALLOWED:
P312 Call a POISON CENTER or doctor/physician if you feel unwell
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

16 Other Information

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

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