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

· **Informations to product No. 2336**

· **Product name:**

Kaliummetabisulfit
Kalii metabisulfis, Kalium metabisulfurosum
Potassium metabisulfite

· **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:**

EUH031 Contact with acids liberates toxic gas

H335 May cause respiratory irritation

H315 Causes skin irritations

· **P-Phrases:**

P280 Wear protective gloves/protective clothing/eye protection/face protection


P305 IF IN EYES:

P351 Rinse continuously with water for several minutes

P313 Get medical advice/attention

Skin Irrit. 2

STOT SE 3

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3 Composition / information on ingredients

• **Chemical characterization:**

CAS-No. Substance name

16731-55-8 Potassium disulfite

• **EINECS-No.:** 240-795-3

• **REACH Reg. No.:** 01-2119537422-45-0000

• **INCI-Name:** Potassium Metabisulfite

4 First aid measures

- **after inhalation:** Fresh air
- **after skin contact:** Wash away with plenty of water. Remove contaminated clothing.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. Call in ophthalmologist.
- **after swallowing:** Drink plenty of 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:** In case of fire dangerous vapours/gases can be generated: Sulphur oxides.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.

6 Accidental release measures


- **Personal protective measures:** Avoid 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).
- **Advices on common storage:** Do not store together with acids. Keep away from solvents.
- **Additional informations to storage conditions:** Keep container tightly closed.

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**
Keep away from food, beverages and animal food.
Take off contaminated clothes immediately.
Wash hands before breaks and after work.

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- **Respiratory protection:** Required if dusts are generated.
- **Hand protection:** Protection gloves of latex or rubber
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** pungent
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Decomposition temperature:** > 150 °C
- **Density:** (20 °C) 1,11 g/cm³
- **Solubility in / Miscibility with**
- **Water:** (20 °C) 335 g/l

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Thermal Decomposition > 150 °C.
- **Materials to avoid:** Acids.
- **Hazardous reactions:** Reaction with acids produces sulphur dioxide
- **Hazardous decomposition products:** sulphur dioxide.

11 Toxicological information


- **Primary irritant effect:**
- **on skin:** Strong irritations.
- **on eyes:** Strong irritations with danger of serious eye damages.
- **on respiratory organs:** slight irritations.
- **after swallowing:** slight irritations

12 Ecological information

- **Aquatic toxicity:** Quantitative ecotoxicological data for this product are not available.
After reaction harmful effects on water organisms.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

13 Disposal considerations

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

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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:**

EUH031 Contact with acids liberates toxic gas

H335 May cause respiratory irritation

H315 Causes skin irritations

- **P-Phrases:**

P280 Wear protective gloves/protective clothing/eye protection/face protection

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P313 Get medical advice/attention

- **National regulations (Germany):**

- **Water hazard class:** see chapter 12

- **Storage class TRGS 510:** 13

16 Other Information

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.