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

· **Informations to product No. 2350**

· **Product name:**

Kaliumsorbat

Kalii sorbas

Potassium sorbate

· **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:**

H319 Causes serious eye irritation

· **P-Phrases:**

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


P305 IF IN EYES:

P351 Einige Minuten lang vorsichtig Rinse out with water.

P337 If eye irritation persists

P313 Get medical advice/attention

Eye Irrit. 2

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3 Composition / information on ingredients

CAS-No. Substance name

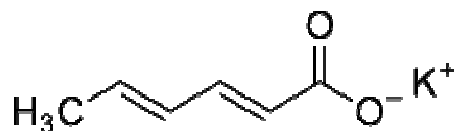
24634-61-5 Potassium sorbate

• **EINECS-No:** 246-376-1

• **REACH Reg. No.:** 01-2119950315-41-0000

• **INCI-Name:** Potassium Sorbate

• **Chemical characterization:**



4 First aid measures

- **after inhalation:** Bring the person out of the contaminated area to fresh air, Seek medical help immediately. Show product-label or this MSDS.
- **after skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. If irritation continues, call in ophthalmologist.
- **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 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

- **Handling:** No special requirements.

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- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C). Protect from light. No containers of aluminium-, tin or zinc.

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **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:** white
- **Odour:** odourless
- **Melting point / melting range:** 270 °C
- **Decomposition temperature:** > 270 °C
- **Density:** (20 °C) 1,36 g/cm³
- **Solubility in / Miscibility with**
- **Water** (20 °C) 1400 g/l
- **pH-range:** (50 g/l, 20 °C) 8,3

10 Stability and reactivity


- **Thermal decomposition / conditions to avoid:** Strong heating.
- **Materials to avoid:** aluminium, tin or zinc.
- **Hazardous decomposition products:** At high temperatures irritant or harmful vapours can be released.

11 Toxicological information

- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**
24634-61-5 Potassium sorbate
Oral: LD50: 8000 mg/kg (rat)
- **Primary irritant effect:**
- **on skin:** not Irritant.
- **on eyes:** Irritant effect.
- **on respiratory organs:** Irritations on respiratory organs, coughing.

12 Ecological information

- **Information about elimination (persistence and degradability):** Gute Biodegradation.
- **Aquatic toxicity:** Toxic for water organisms. Fungicide effect. algicide effect.
- **Water hazard class:** 1 (self classification): slightly hazardous for water.

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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 is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07
- **Signal word:** Warning
- **H-Phrases:**
H319 Causes serious eye irritation
- **P-Phrases:**
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305 IF IN EYES:
P351 Einige Minuten lang vorsichtig Rinse out with water.
P337 If eye irritation persists
P313 Get medical advice/attention
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

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.