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

· **Informations to product No. 4644**

· **Product name:**

Sulfadiazin, API **Sulfadiazinum, 2-Sulfanilamidopyrimidin**

· **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:** Danger

· **H-Phrases:**

H302 Harmful if swallowed.

H315 Causes skin irritation

H319 Causes serious eye irritation

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

· **P-Phrases:**

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

P202 Do not handle until all safety precautions have been read and understood


Acute Tox. 4

Skin Irrit. 2

Eye Irrit. 2

Resp. Sens. 1

Skin Sens. 1

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3 Composition / information on ingredients

• **Chemical characterization:**

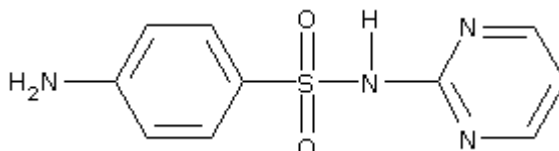
CAS-No. Substance name

68-35-9 Sulfadiazin

• **EINECS-No.:** 200-685-8

• **REACH Reg. No.:** 01-2120118100-81-0000

• **INCI-Name:** -



4 First aid measures


- **General advices:** No special measures required.
- **after inhalation:** If irritation of respiratory ways continues, seek medical advice.
- **after skin contact:** Wash off with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. Call in ophthalmologist in every case.
- **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. In case of fire dangerous vapours/gases can be generated: Smoke gases, sulphur oxides.
- **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 contact with substance.
Wear dust protection mask.
- **Environmental protective measures:** Prevent from entering into surface water, the ground water system or soil.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

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7 Handling and storage

- **Handling:** No special requirements.
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** Avoid electrostatic charging.
- **Storage:**
- **Advice on common storage:** Keep away from oxidising agents
- **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:** If dust is generated: Dust protection mask.
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses

9 Physical and chemical properties


- **Form:** Powder
- **Colour:** white
- **Odour:** Odourless
- **Melting point / melting range:** 253 °C (Decomposition)
- **Decomposition temperature:** 225 ° C, decomposes on melting
- **Boiling point / boiling range:** not determined
- **Density:** Bulk density: 500 - 900 kg/cbm.
- **Solubility in / Miscibility with**
- **Water:** (37 °C) 2g/l
- **Acetone:** not readily soluble
- **Alcohol:** not readily soluble

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** Nitrogen oxides, Sulphur oxides.

11 Toxicological information

- **Acute toxicity:**
LD50: 1500 mg/kg (Mouse)
LD50 (i.p., Mouse): 750 mg/kg N/R 29ZVAB -,109,1969
LD50 (i.v., Mouse): 180 mg/kg N/R CSLNX* NX#03347
LD50 (oral, Rat): 880 mg/kg N/R AEPPAE 211,367,1950

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rat lowest published lethal dose: 446 mg/kg N/R KLWOAZ 27,449,1949 intravenous

- **Primary irritant effect:**
- **on skin:** may be harmful if absorbed through the skin. Irritating to the skin
- **on eye:** Causes severe eye irritation
- **after swallowing:** Harmful if swallowed
- **on respiratory organs:** Can be harmful if inhaled
- **Sensitization:** May cause sensitization by inhalation and skin contact
- **Additional toxicological informations:** In animal experiments reproduction toxic effects were observed.

12 Ecological information

- **Ecotoxic effects:**
Quantitative ecotoxicological data for this product are not available.
- **logPOW:** -0,09
- **Water hazard class:** 1 (Self classification): slightly 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 is classified and labelled according to GHS-regulations.
- **Hazard symbols:** GHS07, GHS08
- **Signal word:** Danger
- **H-Phrases:**
H302 Harmful if swallowed.
H315 Causes skin irritation
H319 Causes serious eye irritation
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
- **P-Phrases:**
P280 Wear protective gloves/protective clothing/eye protection/face protection
P202 Do not handle until all safety precautions have been read and understood
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 11

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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.