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

- Informations to product No. 4615
- Product name:

Sildenafilcitrat, API

Sildenafil citras
Sildenafil citrate

- 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:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

- P-Phrases:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.


P305 IF IN EYES:

P351 Rinse cautiously with water for several minutes.

Skin Irrit. 2

Eye Irrit. 2

STOT SE 3

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3 Composition / information on ingredients

• **Chemical characterization:**

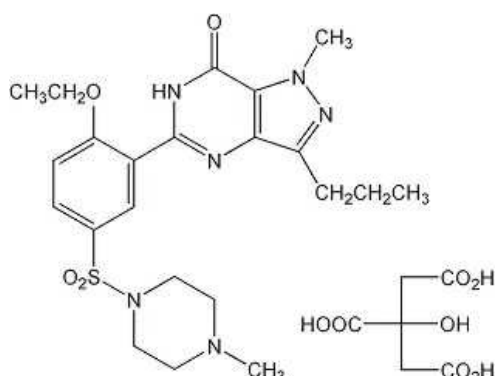
CAS-No. Substance name

171599-83-0 Sildenafil citrate

• **EINECS-No.:** 638-824-3

• **REACH Reg. No.:** -

• **INCI-Name:** -



4 First aid measures


- **after inhalation:** Bring the person out of the contaminated area to fresh air, assure medical help immediately. Show product-label or this MSDS.
- **after skin contact:** Take off contaminated clothing and shoes, wash away from skin immediately with water and soap, seek medical advice immediately, even if no immediate symptoms are observed.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. Call in ophthalmologist.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.
- **Medical advice:** Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident.

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.
- **Additional information:** Wear Self-contained respiratory protective device.

6 Accidental release measures

- **Personal protective measures:** Avoid contact with substance and dust formation.
- **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.

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7 Handling and storage

- **Storage:**
- **Requirements for storage areas and containers:** Keep container tightly closed. Cool and dry. Protect from light.
- **Advices on common storage:** Do not store together with food.
- **Additional informations to storage conditions:** Keep container tightly closed.

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:** Odourless
- **Melting point / melting range:** 185 - 195 °C
- **Flash point:** not determined
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** not readily soluble
- **pH-value:** not determined

10 Stability and reactivity

- **Reactivity:** Stable under normal conditions
- **Chemical Stability:** Stable under normal conditions
- **Thermal decomposition / conditions to avoid:** When heated or in case of fire, toxic gases is possible
- **Condition to avoid:** heat
- **Incompatible materials:** Strong oxidizing agents
- **Hazardous decomposition products:** When heated or in case of fire – toxic gases

11 Toxicological information

- **Acute toxicity:**
- LD/LD50-data relevant for hazard classification:**
- Oral: LD0: 300 mg/kg (rat)
- **Primary irritant effects:**
- **on skin:** Irritant to skin and mucous membranes
- **on eye:** Irritant
- **sensitization:** no sensitizing effects known

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12 Ecological information

- **Aquatic toxicity:** Quantitative ecotoxicological data for this product are not available.
- **General information:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **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 ADR/RID and GGVS/GGVE:**
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:**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
- **P-Phrases:**
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
- **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.