


Page 1 of 4 Print Date 22.11.2018	Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Prednison, mikronisiert, API (mikrobielle Herkunft)	 Revision Date 22.11.2018
--	--	---

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

· **Informations to product No. 2552**

· **Product name:**

Prednison, mikronisiert, API (mikrobielle Herkunft)
Prednisonum

· **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:**

H361 Suspected of damaging fertility or the unborn child

· **P-Phrases:**

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

P308 IF exposed or concerned:

P313 Get medical advice/ attention.


P281 Use personal protective equipment as required.

Repr. 2

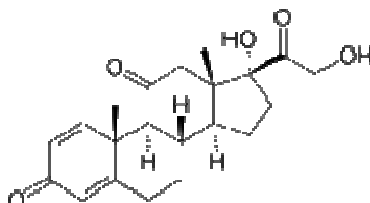
3 Composition / information on ingredients

CAS-No. Substance name

53-03-2 Prednison

<p>Page 2 of 4</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Prednison, mikronisiert, API (mikrobielle Herkunft)</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

- **EINECS-No.:** 200-160-3
- **REACH Reg. No.:** (pre-registered)
- **INCI-Name:** -
- **Chemical characterization:**



4 First aid measures

- **after inhalation:** Fresh air. If feeling unwell continuously seek medical advice.
- **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. 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. In case of fire dangerous vapours/gases can be generated: 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:** Good ventilation of working place. Avoid inhalation of dust. Avoid contact with substance. Do not smoke. Protective equipment: Protection gloves of Latex or PVC
- **Environmental protective measures:** Prevent substance from entering into drainage ditch, surface waters, ground water and flowing waters.
- **Methods for cleaning:** Take up dry. Avoid contact with substance.

7 Handling and storage

- **Handling:**
- **Informations to fire or explosion protection:** No special requirements.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).
- **Additional informations to storage conditions:** Keep container tightly closed. Protect from light.

<p>Page 3 of 4</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Prednison, mikronisiert, API (mikrobielle Herkunft)</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**
Wash hands before breaks and after work. Avoid inhalation of dust. Avoid contact with eyes and skin.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of latex or PVC
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 222 °C
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined
- **Density:** not determined
- **Solubility in / Miscibility with**
- **Water:** nearly not soluble

10 Stability and reactivity


- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Materials to avoid:** Oxidants
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

11 Toxicological information

- **Acute toxicity:**
LD/LD50-data relevant for hazard classification:
LD50 (i.p., mouse): 135 mg/kg
- **Subacute / chronic toxicity:** Highly active medical agent. Classification as hazardous because of pharmacological systemic steroid effect.
Danger of serious health damage in case of longer exposition. Due to results of animal experiments a risk of teratogenity has to be considered as likely.

12 Ecological information

- **Aquatic toxicity:**
Algues. IC50: 31 mg/l/72h
- **log p(O/W):** 1,46
- **Water hazard class:** 2 (self classification): hazardous for water.
- **General advices:** Prevent from entering sewage water or drainage ditch.

<p>Page 4 of 4</p> <p>Print Date 22.11.2018</p>	<p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Prednison, mikronisiert, API (mikrobielle Herkunft)</p>	 <p>Revision Date 22.11.2018</p>
---	--	---

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:** GHS08
- **Signal word:** Warning
- **H-Phrases:**
H361 Suspected of damaging fertility or the unborn child
- **P-Phrases:**
P202 Do not handle until all safety precautions have been read and understood
P308 IF exposed or concerned:
P313 Get medical advice/ attention.
P281 Use personal protective equipment as required.
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 6.1C

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.