


| | | |
|---|---|---|
| <p>Page 1 of 4</p> <p>Print Date 03.12.2018</p> | <p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wasserstoffperoxidlösung 3% Caelo HV-Packung</p> |  <p>Revision Date 03.12.2018</p> |
|---|---|---|

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

- **Informations to product No. 7867**
- **Product name:**

Wasserstoffperoxidlösung 3% Caelo HV-Packung

- **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

- **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

- **Chemical characterization:**

CAS-No. Substance name

7722-84-1 hydrogen peroxide (3%) GHS03, GHS05, H270, H314

- **EINECS-Nr.:** 231-765-0
- **REACH Reg. No.:** 01-2119485845-22-0000
- **INCI-Name:** Hydrogen Peroxide

CAS-No. Substance name


7732-18-5 Water (96,95%)

- **EINECS-No.:** 231-791-2
- **REACH Reg. No.:** Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
- **INCI-Name:** Aqua

CAS-No. Substance name

7664-38-2 Phosphoric acid (0,05%)

- **EINECS-No.:** 231-633-2
- **EG-Index-No.:** 015-011-00-6
- **REACH Reg. No.:** 01-2119485924-24-0001

| | | |
|--|---|---|
| Page 2 of 4 Print Date 03.12.2018 | Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Wasserstoffperoxidlösung 3% Caelo HV-Packung |  Revision Date 03.12.2018 |
|--|---|---|

· **INCI-Name:** Phosphoric Acid

4 First aid measures

- **General advices:** In contact with living tissue hydrogen peroxide is decomposed rapidly to water and oxygen.
- **after inhalation:** Not relevant.
- **after skin contact:** Wash away with water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** If feeling unwell 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:** Not combustible. Oxidant effect.
- **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:** Do not inhale vapours / aerosols.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. Disposal according to Chapter 13 of this MSDS. Clean up with water.

7 Handling and storage

- **Handling:** Usual measures for precautional fire protection.
- **Storage:**
- **Requirements for storage areas and containers:** Store at a cool place. Keep container tightly closed at a dry, good ventilated place. Light sensitive.

8 Exposure controls / personal protective equipment


Components with limit values that require monitoring at the workplace:

Hydrogen peroxide (CAS 7722-84-1)

AGW: 1 ppm (1,4 mg/m³)

Germany: TRGS 900, Concentration limit in air at working place.

- **Personal protective equipment:**
- **Respiratory protection:** Not required
- **Hand protection:** Protection gloves of rubber or latex
- **Eye protection:** Safety glasses.

| | | |
|--|---|---|
| Page 3 of 4 Print Date 03.12.2018 | Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) Wasserstoffperoxidlösung 3% Caelo HV-Packung |  Revision Date 03.12.2018 |
|--|---|---|

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless (clear)
- **Odour:** odourless
- **Melting point / melting range:** ca. 0 °C
- **Boiling point / boiling range:** ca. 100 °C
- **Flash point:** not relevant
- **Density:** (20 °C) ca. 1,00 g/cm³
- **Vapour pressure:** (30 °C) 31,1 hPa
- **Solubility in / Miscibility with**
- **Water:** Completely miscible.
- **pH-range:** (25 °C) 6,0 - 8,0

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
Stable under the required storage conditions.
- **Conditions to avoid:** Light
- **Materials to avoid:** Iron and iron salts, metal powders, copper, iron, zinc, nickel.
- **Hazardous decomposition products:** none

11 Toxicological information


- **Acute toxicity:** No data available
- **Irritation:** No data available
- **Sensitization:** No data available
- **Chronicl Eineffect:** IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrogen peroxide)
The chemical and toxicological properties are not yet examined completely.
- **Possible health damage:**
- **Inhalation:** Can be harmful after inhalation and cause irritations of respiratory tract.
- **Skin:** Can be harmful after absorption through skin and cause skin irritation.
- **Eyes:** Eye irritation possible.
- **Swallowing:** Can be harmful after swallowing.
- **Target organs:** Eyes, skin, respiratory system.

12 Ecological information

- **Information about elimination (persistence and degradability):** Readily biodegradable.
- **Ecotoxical effects:** No data available
- **Weitere Ecological information:** Accukmulation in biologicay systems is not likely.
- **Water hazard class:** 1 (VwVwS): slightly hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.

| | | |
|---|--|---|
| <p>Page 4 of 4</p> <p>Print Date 03.12.2018</p> | <p>Material Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)</p> <p>Wasserstoffperoxidlösung 3% Caelo HV-Packung</p> |  <p>Revision Date 03.12.2018</p> |
|---|--|---|

- **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 does not need to be labelled according to GHS-regulations.
- **National regulations (Germany):**
- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 10
- **VbF class:** -

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.