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

· **Informations to product No. 7873**

· **Product name:**

Ultraschallkontaktgel 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

· **Hazard classification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

· **Description:** Contact gel for the transmission of ultrasound from the ultrasound source to the skin.

CAS-No. Substance name

57-55-6 1,2-Propylene glycol (25%)

· **EINECS-No.:** 200-338-0

· **REACH-Reg-No.:** 01-2119456809-23-0000

· **INCI-Name:** Propylene Glycol

CAS-No. Substance name

7732-18-5 Water (74%)

· **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

9003-04-7 Sodium polyacrylate (1%)

· **EINECS-No.:** 618-349-8

· **REACH Reg. No.:** (pre-registered)

· **INCI-Name:** Sodium Polyacrylate

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4 First aid measures

- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **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 vapours/gases can be generated: Smoke gases.
- **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

- **Environmental protective measures:** No special measures required.
- **Methods for cleaning:**
Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.

7 Handling and storage

- **Handling:**
- **Informations to fire or explosion protection:** No special measures required.
- **Storage:**
- **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

Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **Respiratory protection:** Not required.
- **Hand protection:** Not required.
- **Eye protection:** Not required

9 Physical and chemical properties

- **Form:** gel
- **Colour:** colourless
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined

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- **Density:** (20 °C) ca. 1 g/cm³
- **Solubility in / Miscibility with**
- **Water:** miscible

10 Stability and reactivity

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

11 Toxicological information

- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information


- **Aquatic toxicity (Propylene glycol):**
 Fish toxicity: LC50 > 1000 mg/l/96h
 LC50 (Oncorhynchus mykiss): 40,613mg/l
 LC50 (Ceriodaphnia dubia): 18,340mg/l
 LC50 (Mysidae): 18,800mg/l
 - **Toxicity to plants:**
 ErC50 (Pseudokirchneriella subcapitata): 19,000mg/l
 ErC50 (Diatomeae): 19100mg/l
 - **Toxicity to microorganisms:**
 NOEC (Pseudomonas putida): >20000mg/l
 NOEC (Ceriodaphnia): 13020 mg/l
 - **log Pow:** -1,07
 - **Information about elimination (persistence and degradability):** Readily biodegradable.
- | Biodegradability | Exposition time | Method | 10-Day-Window |
|------------------|-----------------|----------------|----------------|
| 81% | 28d | OECD Test 301F | successful |
| 96% | 64d | OECD Test 306 | not applicable |
- **Water hazard class:** 1 (VwVwS, Annex 3): 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.

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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:** 12

· **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.