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

- Informations to product No. 7303
- Product name:

Oleum Amygdalarum raffinat.
Almond oil
Raffiniertes Mandelöl

- 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:
The odourless fat oil of sweet almonds, fruits of the almond tree, (Prunus dulcis), a plant species of the class prunus in the family of rosaceae.

CAS-No. Substance name
8007-69-0 Almond oil
- EINECS-No.: 616-913-8
- REACH Reg. No.: Exempted from the obligation to register according to Annex 4 / 5 REACH-regulation.
- INCI-Name: Prunus amygdalus dulcis (Sweet Almond) Oil
- General information: Mixture of triglycerides of different fatty acids.

Fatty acid composition
- \(<C16\) max 0,1%
- 16:0 palmitic acid 4,0-9,0%
- 16:1 palmitoleic acid max 0,8%
- 18:0 stearic acid 4,15%
- 18:1 oleic acid 62,0-86,0%
- 18:2 linoleic acid 20,0-30,0%
4 First aid measures

· **After inhalation:** Fresh air. If irritation of respiratory ways continues, seek medical advice.
· **after skin contact:** Wash away with water and soap. If product is hot: symptomatic treatment.
· **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
· **after swallowing:** If feeling unwell continuously 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, acroleine, carbon monoxide, carbon dioxide.
· **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:** No special measures required. Danger: Spilled oil makes floor slippery.
· **Environmental protective measures:** Prevent from entering into drains, prevent from contaminating surface water or the ground water system.
· **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:** No special measures required.
· **Storage:**
  · **Requirements for storage areas and containers:** Store cool and dry, keep away from fire and ignition sources.
  · **Additional informations to storage conditions:**
    Keep container dry and tightly closed. Protect from air and sunlight.

8 Exposure controls / personal protective equipment

· **Personal protective equipment:**
· **Respiratory protection:** Filter mask if aerosols are generated.
· **Eye protection:** If hot product is used, wear protection glasses.
9 Physical and chemical properties

- **Form**: liquid
- **Colour**: colourless - light yellow
- **Odour**: characteristic/neutral
- **Melting point / melting range**: -10 °C - -21 °C
- **Boiling point / boiling range**: > 350 °C
- **Flash point**: > 300 °C
- **Vapour pressure**: (100 °C) < 1 hPa
- **Density**: (20 °C) 0.916 g/cm³
- **Solubility in / Miscibility with**
  - **Water**: not soluble
  - **Refractory index**: 1.4702 - 1.4715
  - **pH-range**: (neutral)
  - **Viscosity**:
    - **dynamic**: (20 °C) ca. 60 mPas

10 Stability and reactivity

- **Thermical decomposition / conditions to avoid**: Stable. Keep away from heat, open fire and other ignition sources.
- **Materials to avoid**: Strong oxidizers.
- **Hazardous reactions**: After strong heating organic crack products can be generated. No decomposition at ambient temperature.
- **Hazardous decomposition products**: At high temperatures irritant or harmful vapours are released.

11 Toxicological information

- **Acute toxicity**: Quantitative toxicological data for this product are not available. Food ingredient.
- **Sub-acute / chronic toxicity**: No data available. General informations about vegetable oils don't reveal any carcinogene potential.
- **Additional toxicological informations**: In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Aquatic toxicity**: Not acute harmful for water organisms. Quantitative ecotoxicological data are not available. Naturally ocuring substance.
- **Information about elimination (persistence and degradability)**: Readily biodegradable.
- **Additional informations**: The classification is based on general informations about vegetable and animal oils. In environmental waters the product contributes to oxygen consumption. In soil the water penetration is obstructed.
- **Water hazard class**: Generally hazardous for water according to annex 1 No. 3.2 AwSV

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 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.