



GUSTAV PARMENTIER GmbH

EICHENDORFFSTRASSE 37 60320 FRANKFURT AM MAIN GERMANY

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Material Safety Data Sheet acc. REACH

conform to Annex II (Requirements for the compilation of safety data sheets), Directive EU 453/2010 (20.05.2010)

Modified: 07.07.15

Printed: 09.09.15

Gelatine Capsules all qualities Page 1/5

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

1.1 Product identifier Hard Gelatine Capsules

Trade name:	Hard Gelatine Capsules, all qualities
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1.2 Relevant identified uses of the substance or mixture and uses advised against As vehicle for drug substances and nutritional supplements

1.3 Details of the supplier of the safety data sheet
GUSTAV PARMENTIER GmbH
Eichendorffstrasse 37
D-60320 Frankfurt am Main
Tel.: 069 / 56 10 34
Fax: 069 / 56 85 18
e-Mail: info@parmentier.de

1.4 Emergency telephone number
Giftinformationszentrum Mainz
Langenbeckstrasse 1
D-55131 Mainz
Tel.: 06131 / 19240

2 Hazards identification

2.1 Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements None

2.3 Other hazards No hazardous effects on health and environment known.

3 Composition/information on ingredients

3.2 Mixtures
Gelatine and Water
CAS No: 9000-70-80 and 7732-18-5
EC No: 232-554-6 and 231-791-2

3.2.1 Description
Hard Capsules composed of gelatine and water.
Does not contain any hazardous substances.



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4 First aid measures

- | | | |
|-----|---|---|
| 4.1 | Description of first aid measures | After eye and skin contact flush off with water.

After ingestion , no special measures. If larger quantities were swallowed, drink sufficient water. |
| 4.2 | Most important symptoms and effects, both acute and delayed | Mucosal irritation, gastrointestinal disorder |
| 4.3 | Indication of any immediate medical attention and special treatment needed | If problems resist, consult a physician. |

5 Firefighting measures

- | | | |
|-----|--|---|
| 5.1 | Extinguishing media | All known extinguishing agents |
| 5.2 | Special hazards arising from the substance or mixture | No data available |
| 5.3 | Advice for firefighters | Use air supplied equipment for fighting interior fires. |

6 Accidental Release Measures

- | | | |
|-----|--|--|
| 6.1 | Personal precautions, protective equipment and emergency procedures | None |
| 6.2 | Environmental precautions | Keep away in larger quantities from bodies of water or sewage systems. |
| 6.3 | Methods and material for containment and cleaning up | Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal. |
| 6.4 | Reference to other sections | For disposal see section 13. |

7 Handling and storage

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|-----|---|--|
| 7.1 | Precautions for safe handling | No special requirements. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Store in cool place. Keep container tightly closed in a dry and well-ventilated place. |
| 7.3 | Specific end use(s) | No data available |

8 Exposure controls/personal protection

- | | | |
|-----|---------------------------|--|
| 8.1 | Control parameters | Does not contain substances with maximum allowable concentrations. |
| 8.2 | Exposure controls | General industrial hygiene practice. |



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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance:	Hard Capsules
b) Odour:	Weak like size
c) Odour Threshold:	No data available
d) pH:	4.0 - 6.5
e) Melting point/freezing point:	Decomposition above 100 °C
f) Initial boiling point and boiling range:	Decomposition before ebullition
g) Flash point:	Not applicable
h) Evaporation rate:	No data available
i) Flammability (solid, gas):	No data available
j) Upper/lower flammability or explosive limits:	No data available
k) Vapour pressure:	No data available
l) Vapour density:	No data available
m) Relative density:	60 - 75 g/l depending on size
n) Water solubility:	Very good soluble in water above 35 °C
o) Partition coefficient: n- octanol/water:	No data available
p) Autoignition temperature:	No data available
q) Decomposition temperature:	Above 100 °C
r) Viscosity:	2.0 - 5.0 mPa s (6.67%, 60 °C)
s) Explosive properties:	No data available
t) Oxidizing properties:	No data available

9.2 Other information None



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10 Stability and reactivity

10.1	Reactivity	No data available
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	No dangerous reactions known.
10.4	Conditions to avoid	Exposure to moisture may affect product quality.
10.5	Incompatible materials	Strong oxidising agents
10.6	Hazardous decomposition products	No hazardous decomposition products known.

11 Toxicological Information

11.1 Information on toxicological effects

a) Acute toxicity:	Used as food. No data available.
b) Skin corrosion/irritation:	No data available
c) Serious eye damage/eye irritation:	No data available
d) Respiratory or skin sensitization:	No data available
e) Germ cell mutagenicity:	TD _{Lo} (mouse, IP): 0.7 g/kg
f) Carcinogenicity:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
g) Reproductive toxicity:	No data available
h) Specific target organ toxicity - single exposure:	No data available
i) Specific target organ toxicity - repeated exposure:	No data available
j) Aspiration hazard:	No data available



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12 Ecological information

12.1	Toxicity	Water hazard class: I (acc. VwVwS dd. 02.08.1999)
12.2	Persistence and degradability	Gelatine is fully degradable: Biochemical oxygen demand: 850 mg O ₂ /g Chemical oxygen demand: 890 mg O ₂ /g
12.3	Bioaccumulative potential	No data available
12.4	Mobility in soil	No data available
12.5	Results of PBT and vPvB assessment	No data available
12.6	Other adverse effects	No data available

13 Disposal considerations

13.1	Waste treatment methods	Dispose of according to local, state and federal regulations. Burning or deposition.
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14 Transport information

14.1	UN number	None
14.2	UN proper shipping name	None
14.3	Transport hazard class(es)	The product is not classified in ADR/IATA/IMGD/RID - guidelines
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None

15 Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	None
15.2	Chemical safety assessment	None

16 Other information

No special training is required or any restriction does apply for use.

No restriction on uses.

For further product information please see: www.parmentier.de