



# GUSTAV PARMENTIER GmbH

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## Material Safety Data Sheet acc. REACH

### Parmlub

conform to Annex II (Requirements for the compilation of safety data sheets), Directive EU 2020/878

Last update: 30.06.2023

Version: 1.2

Printed: 02.08.2023

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## Section 1 Identification of the substance/mixture and of the company

1.1 Product identifier Magnesium Stearate

Trade Name	Parmlub
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1.2 Relevant identified uses of the substance or mixture and uses advised against As lubricant and adhesive in pharmaceutical and food products.

1.3 Details of the supplier of the safety data sheet Gustav Parmentier GmbH  
Eichendorffstrasse 37  
D-60320 Frankfurt am Main  
Phone: +49 (0)69 56 10 34  
Fax: +49 (0)69 56 85 18  
e-Mail: [msds@parmentier.de](mailto:msds@parmentier.de)

1.4 Emergency telephone number Giftinformationszentrum Mainz  
Langenbeckstrasse 1  
D-55131 Mainz  
Phone: +49 (0)6131 19 24 0

## Section 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.

## Section 3 Composition/information on ingredients

3.1 Substance Magnesium Stearate/ Magnesium Distearate  
CAS-No.: 557-04-0  
EINECS-No.: 209-150-3



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### Section 4 First aid measures

- |     |   |  |
|-----|---|--|
| 4.1 | <b>Description of first aid measures</b>  | After eye and skin contact flush off with water.<br>After ingestion drink sufficient water. Consult a physician if feeling unwell.<br>After inhalation move affected person to fresh air. Consult a physician. |
| 4.2 | <b>Most important symptoms and effects, both acute and delayed</b>                | Gastro-intestinal disorder   |
| 4.3 | <b>Indication of any immediate medical attention and special treatment needed</b> | If problems resist, consult a physician.   |

### Section 5 Firefighting measures

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

### Section 6 Accidental release measures

- |     |  |  |
|-----|--|--|
| 6.1 | <b>Personal precautions, protective equipment and emergency procedures</b> | Use personal protective equipment. Avoid dust formation. Do not inhale vapors/ mist/ gas.            |
| 6.2 | <b>Environmental precautions</b>   | Keep away in larger quantities from bodies of water or sewage systems.                               |
| 6.3 | <b>Methods and material for containment and cleaning up</b>                | Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal. |
| 6.4 | <b>Reference to other sections</b>   | For disposal see section 13.   |



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### Section 7 Handling and storage

- |     |   |   |
|-----|---|---|
| 7.1 | <b>Precautions for safe handling</b>                                | Avoid formation of dust and aerosols.<br>Assure adequate ventilation after dust formation.<br>Normal measures for preventive fire protection. |
| 7.2 | <b>Conditions for safe storage, including any incompatibilities</b> | Store in cool place. Keep container tightly closed in a dry and well-ventilated place.  |
| 7.3 | <b>Specific end use(s)</b>  | No data available   |

### Section 8 Exposure controls/personal protection

- |     |                           |  |
|-----|---------------------------|--|
| 8.1 | <b>Control parameters</b> | TWA: 10 from ACGIH (TLV) [United States].  |
| 8.2 | <b>Exposure controls</b>  | Handle in accordance with good industrial hygiene and safety practice. Wear personal protection. If user operations generate dust, wear respirator (P1). |

### Section 9 Physical and chemical properties

- |     |  |   |
|-----|--|---|
| 9.1 | <b>Information on basic physical and chemical properties</b> |   |
| a)  | Physical state:  | Solid   |
| b)  | Colour:  | White   |
| c)  | Odour:   | Neutral   |
| d)  | Melting point/freezing point:                                | 117 - 150 °C  |
| e)  | Boiling point or initial boiling point and boiling range:    | No data available   |
| f)  | Flammability:  | No data available   |
| g)  | Lower and upper explosion limit:                             | Not applicable  |
| h)  | Flash point:   | 250 °C  |
| i)  | Auto-ignition temperature:                                   | Not applicable  |
| j)  | Decomposition temperature:                                   | Not applicable  |
| k)  | pH:  | No data available   |
| l)  | Kinematic viscosity:   | Not applicable  |
| m)  | Solubility:  | Practically insoluble in ethanol, ether and water; slightly soluble in warm ethanol and benzen. |



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n) Partition coefficient n-octanol/water (log value):	14.34 (calculated)
o) Vapour pressure:	No data available
p) Density and/or relative density:	1.092 g/ml
q) Relative vapour density:	Not applicable
r) Particle characteristics:	Mean diameter approx. 15 µm.
<b>9.2 Other information</b>	None

### Section 10 Stability and reactivity

<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reactions known.
<b>10.4 Conditions to avoid</b>	No hazardous reactions known.
<b>10.5 Incompatible materials</b>	No data available
<b>10.6 Hazardous decomposition products</b>	No hazardous decomposition products known.



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### Section 11 Toxicological information

#### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- |                                       |   |
|---------------------------------------|---|
| a) Acute toxicity:                    | LD50 (rat, oral): > 10 g/kg<br>LD50 (rat, pulmonal): > 2 mg/L   |
| b) Skin corrosion/irritation:         | No skin corrosion or irritation.  |
| c) Serious eye damage/irritation:     | No eye corrosion or irritation.   |
| d) Respiratory or skin sensitisation: | No data available   |
| e) Germ cell mutagenicity:            | No data available   |
| 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) STOT-single exposure:              | No data available   |
| i) STOT-repeated exposure:            | No data available   |
| j) Aspiration hazard:                 | No data available   |

#### 11.2 Information on other hazards

- |  |                   |
|--|-------------------|
| 11.2.1 Endocrine disrupting properties | No data available |
| 11.2.2 Other information               | None              |



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### Section 12 Ecological information

12.1	<b>Toxicity</b>	Water hazard class 0 (according to Annex 1 of AwSV from 18.04.2017, last updated 18.11.2021)
12.2	<b>Persistence and degradability</b>	No data available
12.3	<b>Bioaccumulative potential</b>	No data available
12.4	<b>Mobility in soil</b>	No data available
12.5	<b>Results of PBT and vPvB assessment</b>	No data available
12.6	<b>Endocrine disrupting properties</b>	No data available
12.7	<b>Other adverse effects</b>	No data available
12.8	<b>Other information</b>	None

### Section 13 Disposal considerations

13.1	<b>Waste treatment methods</b>	Remove mechanically. Burning or deposition.
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### Section 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
14.7	Maritime transport in bulk according to IMO instruments	None



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### Section 15 Regulatory information

- |      |   |  |
|------|---|--|
| 15.1 | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b> | None   |
| 15.2 | <b>Chemical safety assessment</b>   | No obligatory information on health and environmental protection |

### Section 16 Other Information

INCI Name: MAGNESIUM STEARATE

E-Number: E 470 b

For further product information please see: [www.parmentier.de](http://www.parmentier.de)