



# GUSTAV PARMENTIER GmbH

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## Material Safety Data Sheet acc. REACH

### Parmcompress

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

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Version: 1.2

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

1.1 **Product identifier** Calcium Hydrogen Phosphate (Dihydrate)

| Trade Name | Parmcompress |
|------------|--------------|
|------------|--------------|

1.2 **Relevant identified uses of the substance or mixture and uses advised against** As filler and binder for the manufacturing of tablets and capsules of pharmaceutical actives and nutritional supplements.

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** Calcium Hydrogen Phosphate (Dihydrate)/ Dibasic Calcium Phosphate (Dihydrate)  
CAS-No.: 7789-77-7  
EINECS-No.: 231-826-1



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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>                                | 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> | Does not contain substances with maximum allowable concentrations. |
| 8.2 | <b>Exposure controls</b>  | General industrial hygiene practice                                |

### Section 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- |  |  |
|--|--|
| a) Physical state:   | Solid  |
| b) Colour:   | White  |
| c) Odour:  | Neutral  |
| d) Melting point/freezing point:                             | Dehydrates below 100 °C.   |
| e) Boiling point or initial boiling point and boiling range: | Decomposition before ebullition  |
| f) Flammability:   | No data available  |
| g) Lower and upper explosion limit:                          | Not applicable   |
| h) Flash point:  | Not applicable   |
| i) Auto-ignition temperature:                                | Not applicable   |
| j) Decomposition temperature:                                | Not applicable   |
| k) pH:   | Approx. 7.4 (20% m/V at 25 °C)   |
| l) Kinematic viscosity:                                      | Not applicable   |
| m) Solubility:   | Practically insoluble in ethanol, ether and water; soluble in diluted acids. |
| n) Partition coefficient n-octanol/water (log value):        | -2.55 (calculated)   |
| o) Vapour pressure:  | No data available  |



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|                                     |   |
|-------------------------------------|---|
| p) Density and/or relative density: | 2.389 g/ml                              |
| q) Relative vapour density:         | Not applicable                          |
| r) Particle characteristics:        | Maximal 5% < 45 µm, maximal 2% > 425 µm |
| <b>9.2 Other information</b>        | None                                    |

### Section 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 hazardous reactions known.              |
| 10.4 Conditions to avoid                | No hazardous reactions known.              |
| 10.5 Incompatible materials             | Incompatible with strong oxidizing agents. |
| 10.6 Hazardous decomposition products   | No hazardous decomposition products known. |

### Section 11 Toxicological information

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

|                                       |   |
|---------------------------------------|---|
| a) Acute toxicity:                    | LD50 (rat, oral) > 5 g/kg<br>LC50 (rat, pulmonal) > 2.6 mg/l air  |
| b) Skin corrosion/irritation:         | No evidence for skin corrosion or irritation.   |
| c) Serious eye damage/irritation:     | No eye corrosion, mild irritation.  |
| d) Respiratory or skin sensitisation: | Causes no skin sensitisation. Effect on respiratory tract is unknown.   |
| e) Germ cell mutagenicity:            | No evidence of germ cell mutagenicity.  |
| 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:             | NOAEL for reproductive toxicity was estimated to be 500 mg/kg for phosphoric acid.  |
| h) STOT-single exposure:              | No data available   |
| i) STOT-repeated exposure:            | No data available   |
| j) Aspiration hazard:                 | No data available   |



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### 11.2 Information on other hazards

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

## Section 12 Ecological information

- |      |   |  |
|------|---|--|
| 12.1 | <b>Toxicity</b>                           | Water hazard class 1 (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. |
|------|--------------------------------|---|

## 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

E-Number: E341 (ii)

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