

## Material Safety Data Sheet Magnesium Ascorbyl Phosphate

according to EC Directive 1907/2006 (REACH)

### Section 1 - Identification of substance

freely adapted by Selco from original MSDS 10/23/2020

- 1.1 Product Identifier:** Magnesium Ascorbyl Phosphate
- 1.2 Application of the substance / the preparation:** Chemicals for use in cosmetics
- 1.3 Trader:** **Selco, Wirkstoffe Vertriebs GmbH**  
Straßburg 16  
69483 Wald-Michelbach / Germany  
info@gfn-selco.de Tel. +49 6207 922 80  
www.gfn-selco.de Fax +49 6207 922 810
- Manufacturer:** located in China
- 1.4 Emergency information:** Beratungsstelle für Vergiftungserscheinungen Mainz  
Tel. +49 6131 192 40 or 232 466  
Fax: +49 6131 232 469  
Selco Emergency phone number: Tel. +49 179 506 151 9

### Section 2 - Hazards Identification

- 2.1 Classification of the mixture:** Not classified according to the Regulation (EC) No. 1272/2008.
- 2.2 Label elements:** Not relevant.
- 2.3 Other hazards:** None.
- Not identified as PBT or vPvB according to the Annex XIII of the Regulation (EC) No. 1907/2006 as amended.

### Section 3 - Composition / Data on components

- 3.1 Substance** Magnesium Ascorbyl Phosphate
- INCI Name:** Magnesium Ascorbyl Phosphate
- CAS No.:** 114040-31-2 (appr. 88 %) – 278.4 g/mol  
113170-55-1 (appr. 12 %) – 289.45 g/mol
- CAS-Registry Name:** L-Ascorbic acid, 2-(dihydrogen phosphate), magnesium salt (2:3)
- Technical name:** L-Ascorbic acid, phosphate magnesium salt
- Molecular formula:** C<sub>6</sub>H<sub>7</sub>O<sub>9</sub>P Mg (114040-31-2)  
C<sub>6</sub>H<sub>6</sub>O<sub>9</sub>P 3/2 Mg (113170-55-1)
- 3.2 Mixture:** none

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### Section 4 - First Aid Measures

#### 4.1 Description of first aid measures:

<b>Eye contact:</b>	Flush eyes gently with water for at least 15 minutes while holding eyelids apart: seek immediate medical attention.
<b>Skin contact:</b>	Wash off with soap and plenty of water.
<b>Inhalation:</b>	If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quit; seek immediate medical attention.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.

#### 4.2 Most important symptoms and effects:

No data available.

#### 4.3 Indication of any immediate medical attention:

No data available.

### Section 5 - Fire-Fighting Measures

**5.1 Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance:** No data available.

**5.3 Advice for firefighters:** Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

### Section 6 - Accidental Release Measures

**6.1 Personal precautions:** Avoid contact with skin and eyes.

**6.2 Environmental precautions:** Do not let product enter drains, surface water or ground water.

**6.3 Methods and materials for containment and cleaning up:** Remove with liquid-absorbing material (sand, peat, sawdust)

**6.4 Reference to other sections:** For disposal see section 13.

### Section 7 - Handling and Storage

**7.1 Precautions for safe handling:** Use with adequate ventilation where dust is formed. Avoid open flames. Handle in accordance with good industrial hygiene and safety practice.

**7.2 Conditions for safe storage, incl. any incompatibilities:** Store in original sealed containers at temperature between 10 - 25°C at a dry and light protected place.

**7.3 Specific end use:** No data available.

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### Section 8 - Exposure Controls / Personal Protection

<b>8.1 Control parameters:</b>	No data available.
<b>8.2 Personal protective equipment:</b>	
<b>Respiratory protection:</b>	Respirator with organic vapor cartridge. Not applicable with adequate ventilation.
<b>Eye protection:</b>	Safety glasses with side shields.
<b>Hand protection:</b>	Protective gloves made of plastic or rubber.
<b>Hygiene measures:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Section 9 - Physical and Chemical Properties

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

<b>Appearance:</b>	white to almost white powder
<b>Colour of 3% solution:</b>	APHA number <= 70, clear
<b>pH value (3% solution)</b>	7.0 – 8.5
<b>assay (HPLC):</b>	>= 98.5 %
<b>Melting point/Freezing point:</b>	no data available
<b>Boiling point:</b>	no data available
<b>Flash point:</b>	no data available
<b>Decomposition point:</b>	no data available
<b>Autoignition temperature:</b>	no data available
<b>Evaporation rate:</b>	no data available
<b>Upper/lower flammability limits:</b>	no data available
<b>Vapor pressure:</b>	no data available
<b>Viscosity:</b>	no data available

**9.2 Other information:** No additional information available.

### Section 10 - Stability and Reactivity

<b>10.1 Reactivity:</b>	No unusual reactivity.
<b>10.2 Chemical stability:</b>	Stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions:</b>	No data available.
<b>10.4 Conditions to avoid:</b>	No data available.
<b>10.5 Incompatible materials:</b>	Strong oxidizing agents.
<b>10.6 Other decomposition products:</b>	Hazardous decomposition products formed under fire – Carbon oxides. No information available.

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### Section 11 - Toxicological Information

#### 11.1 Information on toxicological effects:

<b>Acute toxicity:</b>	no data available
<b>Skin corrosion/irritation:</b>	no data available
<b>Serious eye damage/irritation:</b>	no data available
<b>Respiratory or skin sensitization:</b>	no data available
<b>Germ cell mutagenicity:</b>	no data available
<b>Carcinogenicity:</b>	no data available
<b>Reproductive toxicity:</b>	no data available
<b>Teratogenicity:</b>	no data available
<b>STOT-SE:</b>	no data available
<b>STOT-RE:</b>	no data available
<b>Aspiration hazard:</b>	no data available

### Section 12 - Ecological Information

<b>12.1 Toxicity:</b>	no data available
<b>12.2 Persistence and degradability:</b>	no data available
<b>12.3 Bioaccumulative potential:</b>	no data available
<b>12.4 Mobility in soil:</b>	no data available
<b>12.5 Results of PBT and vPvB assessment:</b>	no data available
<b>12.6 Endocrine disrupting properties:</b>	no data available
<b>12.7 Other adverse effects:</b>	slightly hazardous to water (water hazard class 1)

### Section 13 - Disposal Consideration

<b>13.1 Waste treatment methods:</b>	Waste must be disposed in accordance with local, regional and national environmental regulations.
<b>Contaminated packaging:</b>	Dispose of as unused product.

### Section 14 - Transport Information

<b>14.1 UN Number:</b>	none
<b>14.2 UN proper shipping name:</b>	not dangerous goods
<b>14.3 Transport hazard class:</b>	none
<b>14.4 Packaging group:</b>	none
<b>14.5 Environmental hazards:</b>	none
<b>14.6 Special precautions for user:</b>	Take the usual precautions when handling with chemicals.

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### Section 15 - Regulatory Information

#### 15.1 Safety, health and environmental Regulations/legislation specific for the substance:

Regulation (EC) No. 1907/2006 (REACH)  
Regulation (EC) No. 1272/2008 (CLP/EU-GHS)  
Regulation (EC) No. 1223/2009 (Cosmetic Regulation)

**Water hazard class (D):** 1 - slightly hazardous to water

**15.2 Chemical safety assessment:** Not classified as hazardous substance or mixture according to the CLP/EU-GHS.

### Section 16 - Other Information

**Person issuing MSDS:** Mrs. Michèle Lindner  
phone: +49 6207 922 826  
eMail: info@gfn-selco.de

#### Explanatory notes:

**STOT:** specific target organ toxicity  
**SE:** single exposure  
**RE:** repeated exposure  
**IARC:** International Agency for Research on Cancer  
**INCI:** International Nomenclature of Cosmetic Ingredients  
**PBT:** persistent, bio-accumulative, toxic for reproduction  
**vPvB:** very persistent, very bio-accumulative

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