

## Vitamin C (magnesium ascorbyl phosphate)

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 18-Jun-2021  
Supersedes: Aug-2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Vitamin C (magnesium ascorbyl phosphate)	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Magnesium ascorbyl phosphate	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	114040-31-2 (also 113170-55-1, 108910-78-7)	<b>Web:</b>	www.makingcosmetics.com
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Powder		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Not classified  
**GHS Labeling:** Not a dangerous substance according to GHS  
**GHS Hazard Pictograms:** None  
**GHS Hazard Statements:** H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
**GHS Precautionary Statements:** P264: Wash contaminated skin thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352: IF ON SKIN: Wash with plenty of water.  
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**Potential Health Hazards:** Eyes: Causes serious eye irritation.  
Inhalation: May cause respiratory irritation.  
Skin: Causes skin irritation.  
Ingestion: Not expected to be irritant.  
**NFPA Ratings (704):**

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Magnesium ascorbyl phosphate	114040-31-2 (also 113170-55-1, 108910-78-7)	100%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.  
**Inhalation:** Allow the victim to rest in a well-ventilated area. If not breathing, give artificial respiration. If unconscious, place in recovery position and get medical attention.  
**Skin:** Wash with soap and water. Seek medical attention if necessary.  
**Ingestion:** Rinse mouth with water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

### 5 FIRE-FIGHTING MEASURES

<p><b>Suitable (and unsuitable) extinguishing media:</b></p> <p><b>Special protective equipment &amp; precautions for firefighters:</b></p> <p><b>Flash Points:</b></p> <p><b>Specific hazards arising from the chemical:</b></p>	<p>May be combustible at high temperature (auto-ignition temperature 660°C). Use appropriate media (alcohol resistant foam, CO<sub>2</sub>, dry chemical, water spray) for adjacent fire. Do not use direct water jet.</p> <p>Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.</p> <p>No data available</p> <p>Closed containers may build up pressure when exposed to heat and should be cooled with water spray. See also Stability and Reactivity section.</p>
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## 6 ACCIDENTAL RELEASE MEASURES

<p><b>Personal precautions, protective equipment &amp; emergency procedures:</b></p> <p><b>Environmental precautions:</b></p> <p><b>Methods and material for containment and cleaning up:</b></p>	<p>Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.</p> <p>Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.</p> <p>Small spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Collect mechanically and dispose of according to local and regional authority requirements.</p> <p>Large spill: Use a shovel to put the material into a convenient waste disposal container. Collect mechanically. Do not allow entry into drains or waterways.</p>
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## 7 HANDLING & STORAGE

<p><b>Precautions for safe handling:</b></p> <p><b>Conditions for safe storage, incl. any incompatibilities:</b></p>	<p>Do not ingest. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.</p> <p>Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).</p>
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## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Magnesium ascorbyl phosphate	Not available		

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

### Personal Protection:

<b>Eyes:</b>	Safety glasses with side-shields conforming to EN 166 should be worn.
<b>Inhalation:</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Use ventilation to keep exposure to airborne contaminants below the exposure limit. Use approved or certified dust respirator.
<b>Body:</b>	Lab coat, dust respirator, nitrile rubber gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Other:</b>	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White to off-white powder	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	White to off-white	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH (1% soln./water):</b>	7-8.5	<b>Flash Point:</b>	No data available

<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	Soluble
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	660°C
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	Not expected.
<b>Conditions to Avoid:</b>	No data available
<b>Incompatible Materials:</b>	Acids, bases, strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	No data available

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available
<b>Skin:</b>	No data available
<b>Eyes:</b>	No data available
<b>Respiratory:</b>	No data available
<b>Ingestion:</b>	LD50: >2000 mg/kg
<b>Carcinogenicity:</b>	No data available
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Corrosivity:</b>	No data available
<b>Sensitization:</b>	No data available
<b>Irritation:</b>	No data available
<b>Repeated Dose Toxicity:</b>	No data available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	No data available
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary, before disposing of waste product container.
<b>Product Containers:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Non-hazardous for transport.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available
<b>IMDG (International Maritime Dangerous Goods):</b>	Non-hazardous for transport.
<b>IATA (International Air Transport Association):</b>	Non-hazardous for transport.
<b>ICAO (International Civil Aviation Organization):</b>	Non-hazardous for transport.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Not listed.
<b>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	Listed.
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	Listed.
<b>Japan ENCS:</b>	No data available
<b>Philippines PICCS:</b>	No data available
<b>Korea KECL:</b>	No data available
<b>New Zealand NZIoC:</b>	Listed.
<b>California Prop. 65:</b>	No chemicals known to the State of California to cause cancer, reproductive toxicity, or developmental toxicity.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	18-Jun-2021
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.