

Vitamin C (L-ascorbyl palmitate)

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

Revision Date: 05-Mar-2024
Supersedes: 02-Jan-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Vitamin C (L-ascorbyl palmitate)	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	L-Ascorbyl Palmitate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	137-66-6	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.												
GHS Labeling:	Not classified.												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	None.												
GHS Precautionary Statements:	None.												
Potential Health Hazards:	Eyes: Not expected to be an irritant. Inhalation: Not expected to be an irritant. Skin: Not expected to be an irritant. Ingestion: Not expected to be an irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
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Flammability	N/A	N/A											
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Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
L-Ascorbyl Palmitate	137-66-6	≥ 95.0%	Not Available

4 FIRST AID MEASURES

Eyes:	Immediately flush thoroughly with water for at least 15minutes, occasionally lifting the upper and lower eyelids. Seek medical attention if necessary.
Inhalation:	Move to fresh air and keep them calm. Seek medical attention.
Skin:	Flush skin with soap and plenty of water for at least 15 minutes. Wash clothing before reuse. Seek medical attention if necessary.
Ingestion:	Rinse mouth. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious and alert, rinse mouth with water. Seek medical attention if symptoms develop and persist.
General Information:	The material is not expected to be harmful. As a precaution, get medical advice/attention. Treat symptomatically and supportively.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (Use water spray jet, dry powder, carbon dioxide, or appropriate foam) for adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available

Specific hazards arising from the chemical: Emits toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Remove ignition sources. Provide adequate ventilation. Avoid inhalation of vapor or dust. Avoid skin and eye contact. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid disposing into drainage/sewer system or directly into the aquatic environment. Keeping away from drains, surface-and ground-water and soil. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: Sweep up, place in a bag, and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Use with adequate ventilation. Wash clothing before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid prolonged, or repeated, skin contact. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Preserve in airtight containers, protected from light, preferably between 46°F -59°F (8°C - 15°C). Keep the container closed when not in use. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Vitamin C (L-ascorbyl palmitate)	Not available	Not available	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:

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Inhalation: Follow the OSHA respirator regulations found in 29CFR1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Body: Wear appropriate protective gloves to prevent skin exposure and full protective clothing to minimize contact with skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to yellowish powder	Vapor Pressure:	No data available
Odor:	Almost odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White to yellowish	Flammability:	Not flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	No data available
Boiling Point/Range:	No data available	Specific Gravity:	No data available
Melting Point/Range:	107 °C - 117°C	Water Solubility:	Insoluble
Bulk Density (kg/m³):	0.15 - 0.25 g/cm ³	Other Solubility:	Soluble in vegetable oils and ethanol
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	The substance does not react vigorously with reducing agent, so it does not belong to oxidizing substances.
Chemical Stability:	Under normal conditions, the product is stable. No hazardous reaction when handled and stored according to provisions. Hazardous reactions are not known.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Incompatible materials, light, dust generation, excess heat, strong oxidants, humidity.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Not data available.
Possible Hazardous Reactions:	Under normal conditions, not hazardous reactions will occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD50 (Oral, Rat): >10g/kg LD50 (Oral, Mouse): >20g/kg
Skin:	Not irritating.
Eyes:	Not irritating.
Respiratory:	Not irritating.
Ingestion:	No data available.
Carcinogenicity:	Not classified.
Single Exposure (STOT):	Not classified.
Repeated Exposure (STOT):	Not classified.
Germ Cell Mutagenicity:	Not classified.
Reproductive Toxicity:	Not classified.
Respiratory/Skin Sensitization:	Not sensitizing.
Serious Eye Damage/Irritation:	Not irritating.
Skin Corrosion/Irritation:	Not irritating.
Aspiration Hazard:	Not classified.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Moderately toxic for fish (suspension) (rainbow trout) LC50: (96 hours) 51 mg/l LC100: (96 hours) 100 mg/l LC0: (96 hours) 25 mg/l
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Dispose of contents/container in accordance with all applicable local regulations.
Product Containers:	If empty container retains product residues, all label precautions must be observed. Dispose of contents/container in accordance with all applicable local regulations.

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

DOT (Dept. of Transportation, USA):	Not regulated as dangerous goods.
ADR/RID (Land Transport):	Not regulated as dangerous goods.
IMDG (International Maritime Dangerous Goods):	Not regulated as dangerous goods.
IATA (International Air Transport Association):	Not regulated as dangerous goods.
ICAO (International Civil Aviation Organization):	Not regulated as dangerous goods.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available.
Other EU Regulations:	Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.
Chemical Safety Assessment:	A chemical safety assessment has not been carried out.
DSL (Canada):	No data available.
EU (EINECS):	No data available.
China (IECSC):	No data available.
Australia (AICS):	No data available.
Taiwan (TCSI)	No data available.
Japan (ENCS):	No data available.
Philippines (PICCS):	No data available.
Korea (ECL):	No data available.
New Zealand:	No data available.

16 OTHER INFORMATION

Revision Date:	05-Mar-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	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.