

Vitamin C (sodium ascorbyl phosphate)

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Vitamin C (sodium ascorbyl phosphate)	Distributor:	MakingCosmetics Inc.
Synonyms:	Sodium L-ascorbyl-2-phosphate, L-ascorbic acid-2-monophosphate, trisodium salt	Address:	10800 231 st Way NE
INCI Name:	Sodium Ascorbyl Phosphate		Redmond, WA 98053 (USA)
CAS Number:	66170-10-3	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	C ₆ H ₆ Na ₃ O ₉ P	Web:	www.makingcosmetics.com
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

Classification: Not a hazardous substance or mixture according to Regulation (EC) No. 1272
Labeling: Not a hazardous substance or mixture according to Regulation (EC) No. 1272
Hazard Pictograms: None.
Hazard Statements: None.
Precautionary Statements: None.
Potential Health Hazards: Eyes: May cause eye irritation.
 Inhalation: May cause irritation of the respiratory tract.
 Skin: May cause skin irritation.
 Ingestion: May cause gastrointestinal irritation.

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
Sodium Ascorbyl Phosphate	66170-10-3	100%	322.05g/mol

4 FIRST AID MEASURES

Eyes: Flush eyes with water as a precaution. Seek medical attention if necessary.
Inhalation: Move person into fresh air. If not breathing, give artificial respiration. Seek medical attention if necessary.
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

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.) 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: Carbon oxides, Oxides of phosphorus, Sodium oxides.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into drains, sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Sweep up and shovel. Keep in suitable, closed containers for disposal. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Provide appropriate exhaust ventilation at places where dust is formed. Take normal measures for preventive fire protection. Handle in accordance with good industrial hygiene and safety practices. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in a cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from incompatible materials (see section 10 for incompatibilities). Storage class (TRGS 510): Combustible Solids.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Vitamin C (sodium ascorbyl phosphate)	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:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 16.
Inhalation:	Respiratory protection is not required. Where protection from nuisance le (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN ((EU).
Body:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Wear full protective clothing, including boots.
Other:	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

Appearance:	Solid or powder	Vapor Pressure:	No data available
Odor:	Odorless	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White or pale yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	9.0 - 10.0	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	No data available
Melting/Freezing Point:	260° C (500°F)	Water Solubility:	No data available
Bulk Density:	290 kg/m ³	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	log Pow: < - 4	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Limits/Properties:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	No data available.
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Chemical Stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	No data available.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Hazardous decomposition products formed under fire conditions. Carbon oxides, oxides of phosphorus, sodium oxides, other decomposition products.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Respiratory:	No data available.
Ingestion:	No data available.
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.
IARC:	
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Corrosivity:	No data available.
Sensitization:	No data available.
Irritation:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
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:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Offer surplus and non-recyclable solutions to a licensed disposal company. 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.
Product Containers:	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

DOT (Dept. of Transportation, USA):	Not regulated as dangerous goods.
ADR/RID (Transportation by Road & Rail):	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):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not Listed
DSL (Canada):	Not Listed
EU (EINECS):	Not Listed
China IECSC:	Listed
Australia AICS:	Listed
Philippines PICCS:	Not Listed
Existing & Evaluated Chemical Substances (KECI):	Not Listed
New Zealand (NZIoC):	Listed
California Prop. 65:	No ingredients listed that are known to the State of California to cause cancer, reproductive toxicity in females, reproductive toxicity in males, or developmental toxicity.

16 OTHER INFORMATION

Revision Date:	13-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.