

Ascorbyl 3-Aminopropyl Dihydrogen Phosphate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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Revision Date: 17-Sep-2026
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Ascorbyl 3-Aminopropyl Dihydrogen Phosphate	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Aminopropyl Ascorbyl Phosphate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	220644-17-7	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid (Powder)		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Skin corrosion/irritation - Category 1 Serious eye damage/eye irritation - Category 1 Reproductive toxicity - Category 1B Hazardous to the aquatic environment – Chronic Hazard - Category 4		
GHS Signal Word:	DANGER!		
GHS Hazard Pictograms:	 		
GHS Hazard Statements:	H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319 Causes serious eye irritation H360: May damage fertility or the unborn child. H413: May cause long lasting harmful effects to aquatic life.		
GHS Precautionary Statements:	P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe dusts or mists. P264: Wash hands, forearms and face thoroughly after handling. P273: Avoid release to the environment. P280: Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection. P301+P330+P331: If swallowed: rinse mouth. Do NOT induce vomiting. P303+P361+P353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. P308+P313: If exposed or concerned: Get medical advice/attention. P310: Immediately call a poison center or doctor. P321: Specific treatment (see supplemental first aid instruction on this label). P363: Take off immediately all contaminated clothing and wash it before reuse. P405: Store locked up. P501: Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.		
Other Hazards:	Dust may form explosive mixture in air.		
Potential Health Hazards:	Eyes: Causes serious eye damage. Inhalation: Dust may be an irritant. Skin: May cause burns. Ingestion: May cause nausea, vomiting, and diarrhea.		
NFPA Ratings (704):	Health	3	Serious
	Flammability	1	Slight

Reactivity	0	Minimal
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Aminopropyl Ascorbyl Phosphate	220644-17-7	100%	Not Available

4 FIRST AID MEASURES

Eyes: May cause serious damage to eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. Treat symptomatically.

Inhalation: None symptoms expected under normal conditions. Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure. Remove person to fresh air and keep comfortable for breathing. Treat symptomatically.

Skin: May cause burns. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately. Treat symptomatically.

Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Rinse mouth. Call a physician immediately. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: No direct fire or explosion hazard. Use appropriate media (water spray, dry powder, foam) for surrounding environment and adjacent fire. Do not use solid water stream as it may spread the fire.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Fight fire from safe distance and protected location

Specific hazards arising from the chemical: Hazardous decomposition products include carbon dioxide and carbon monoxide. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Evacuate unnecessary personnel. Absorb spillage to prevent material damage. Do not breathe dust/fume/gas/mist/ vapors/spray. 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 sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: Using a clean shovel, put the material in a dry container and cover without compressing it. Mechanically recover the product. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Ensure good ventilation of the work station. Dust may form flammable and explosive mixture with air. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe dust. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Store locked up. Keep in a cool, well-ventilated place away from heat. Always store product in container of same material as original container. 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>
Ascorbyl 3-Aminopropyl	Not available		

Dihydrogen Phosphate

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 safety glasses.
Inhalation: In case of inadequate ventilation, wear respiratory protection.
Body: Wear suitable protective gloves and full protective clothing.
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 powder	Vapor Pressure:	No data available
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Off-white to pale yellow	Flammability:	Non flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	Not applicable
pH:	1.7 - 3.7 (1% aq soln)	Flash Point:	Not applicable
Boiling Point:	No data available	Specific Gravity:	No data available
Freezing Point:	Not applicable	Water Solubility:	Soluble
Relative Density:	No data available	Auto-Ignition Temperature:	Not applicable
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	Not applicable	Explosive Properties:	Dust may form explosive mixture in air
Oxidizing Properties:	None reported	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid excessive heat. Avoid dust formation.
Incompatible Materials:	Strong oxidizing agents, reducing agents, bases.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not listed under oral, dermal, or inhalation acute toxicity.
Skin:	Burns.
Eyes:	Causes serious eye damage.
Inhalation:	None under normal conditions. Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.
Ingestion:	Burns.
Carcinogenicity:	Not classified.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not classified.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Not classified under single or repeated exposure.
Reproductive Toxicity:	May damage fertility or the unborn child.
Respiratory/Skin Sensitization:	Not classified.
Skin Corrosion/Irritation:	Causes severe skin burns. pH: 1.7 - 3.7 (1% aq soln).
Aspiration Hazard:	Not classified.
Chronic Symptoms:	May damage fertility or the unborn child.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	May cause long lasting harmful effects to aquatic life.
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:	Not classified under ozone or fluorinated gases.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	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.
Product Containers:	Do no re-use empty 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.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not listed.
California Prop. 65:	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

16 OTHER INFORMATION

Revision Date:	17-Sep-2026
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.