

Vitamin C (3-Glyceryl Ascorbate)

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

Date: 29-Aug-2022
Supersedes: 31-Aug-2020

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Vitamin C (3-Glyceryl Ascorbate)	Distributor:	MakingCosmetics.com Inc.
Synonyms:		Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	3-glyceryl ascorbate, glycerin, water	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	1120360-11-3, 7732-18-5, 56-81-5	Web:	www.makingcosmetics.com
Formula:	Not available		
Product Form:	Liquid		
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: May be irritant. Inhalation: No known hazard. Skin: No known hazard. Ingestion: No known hazard.		
NFPA Ratings (704):	Health	0	Minimal
	Flammability	0	Minimal
	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>
3-Glyceryl ascorbate	1120360-11-3	30%	Not available
Glycerin	56-81-5	30%	
Water	732-18-5	40%	

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation:	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin:	Flush with plenty of water and wash using soap.
Ingestion:	Rinse mouth. If feel sick, get medical advice/attention

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Usual fire extinguish media (Water, carbon dioxide, extinguish powder etc.)
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards arising from the chemical:	The product may produce toxic fumes of carbon dioxide and carbon monoxide if burning.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective	See section 8 for recommendations on the use of personal protective equipment.
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equipment & emergency procedures:

Environmental precautions: Not available
Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Handle in a well-ventilated place without fire. Eating drinking and smoking are prohibited in work areas. Wash hands after use.
Conditions for safe storage, incl. any incompatibilities: Keep it away from heat and direct sunlight. Keep tightly capped. Don't keep it in a dirty container. Recommended storage temperature: Below 5 °C.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
3-Glyceryl ascorbate	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 protective glasses is recommended.
Inhalation: Use respiratory mask is recommended.
Body: Slip proof shoes may be worn where spills may occur
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light yellow to yellow-brown liquid	Vapor Pressure:	Not available
Odor:	Odorless or faint characteristic odor	Saponification Value:	Not available
Taste:	Not available	Iodine Value:	Not available
Color:	Clear to light yellow	Flammability:	Not available
Molecular Weight:	Not available	Peroxide Value:	Not available
pH	Approx. 2-6	Hydrosolubility:	Soluble
Boiling Point:	Not available	Liposolubility:	Insoluble
Melting Point:	Not available		
Flash Point:	Not applicable (>100 °C)		
Specific Gravity:	Not available		

10 STABILITY AND REACTIVITY

Reactivity: No decomposition if used according to specifications.
Chemical Stability: No decomposition if used according to specifications.
Hazardous Polymerization: None known.
Conditions to Avoid: Direct sunlight, heat.
Incompatible Materials: None known.
Hazardous Decomposition Products: None known.
Special Remarks: None

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: Not available
Skin Corrosion/irritation: Non-irritant (Human Patch, 50% active solution in water)*.
Skin sensitization: Non-sensitizer) RIPT, 50% active solution in water)*.
Eyes: Non-irritant (BCOP, 20% active solution in water)*.
Respiratory: Not expected to be hazardous

Ingestion:	Not expected to be hazardous
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Non-mutagenic (Ames)*.
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Other:	*Information of 3-glyceryl Ascorbate

12 ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

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 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
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):	Not regulated

15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance of mixture: No information

16 OTHER INFORMATION

Revision Date: 29-Aug-2022

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.