

## Vitamin C in Silicone (20% L-ascorbic acid)

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


Revision Date: 03-12-2018  
Supersedes: 09-14-2016

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Vitamin C in Silicone (20% L-ascorbic acid)	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Synonyms:</b>		<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Cyclopentasiloxane, l-ascorbic acid, polysilicone-11, ethylhexyl hydroxystearate	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	541-02-6, 50-81-7, 63394-02-5, 156065-02-0, 29383-26-4, 29710-25-6	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	Not available	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Creamy gel		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Asp. Tox. 1, Flam. Liq. 4, Skin Irrit. 2, Eye Irrit. 2  
**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:** 

**GHS Hazard Statements:** H227: Combustible liquid  
**GHS Precautionary Statements:** P211: Do not spray on an open flame or other ignition source  
P302 + P350: - IF ON SKIN: Gently wash with soap and water  
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

**Potential Health Hazards:** Eyes: May be irritant.  
Inhalation: May be irritant.  
Skin: May be irritant.  
Ingestion: May be irritant.

**NFPA Ratings (704):**

Health	1	Slight
Flammability	3	Normal
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>
Cyclopentasiloxane	541-02-6	Proprietary	Not available
Ethylhexyl hydroxystearate	29383-26-4, 29710-25-6	Proprietary	Not available
Polysilicone-11	63394-02-5, 156065-02-0	Proprietary	Not available
Ascorbic acid	50-81-7	Proprietary	Not available

### 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water for 15 minutes. Seek medical advice should irritation occur and persist.  
**Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.  
**Skin:** Wash off skin with soap and water. Get medical attention if irritation develops or persists.  
**Ingestion:** Wash out mouth thoroughly with water. Do not induce vomiting; seek medical attention.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Foam, CO<sub>2</sub>, or dry agents.  
**Special protective equipment & precautions for firefighters:** Firefighters should wear full protective clothing including self-contained breathing apparatus.  
**Flash Points:** 171 °F ( 77 °C )  
**Specific hazards arising from the chemical:** Will burn and give off noxious fumes such as silica and carbon oxides.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** See section 8 for recommendations on the use of personal protective equipment.  
**Environmental precautions:** Prevent product from entering drains or being released into the environment.  
**Methods and material for containment and cleaning up:** Contain any spilled material immediately with dry agent (sand, vermiculite, etc.) and vacuum or shovel into labeled containers for disposal.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Handle/weigh this product under conditioners of good local exhaust ventilation to avoid exposure (breathing vapors, swallowing and eye and skin contact). Personal protective equipment should be used if there is a possibility of exposure.  
**Conditions for safe storage, incl. any incompatibilities:** Store in a cool dry place and replace lid after use.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Cyclopentasiloxane	Not determined		
Ethylhexyl hydroxystearate	Not determined		
Polysilicone-11	Not determined		
Ascorbic acid	Not determined		

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:** Safety goggles  
**Inhalation:** Wear NIOSH approved respiratory protection as appropriate to operating conditioners.  
**Body:** As appropriate to operating conditions to avoid contact.  
**Other:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Off-white paste	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Typical	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	Off-white	<b>Flammability:</b>	Combustible
<b>Molecular Weight:</b>	Not available	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH</b>	Not available	<b>Solubility:</b>	Insoluble in water
<b>Boiling Point:</b>	Not available	<b>Flash Point:</b>	171 °F ( 77 °C )
<b>Melting Point:</b>	Not available	<b>Specific Gravity:</b>	Not available

## 10 STABILITY AND REACTIVITY

**Reactivity:** Product is stable  
**Chemical Stability:** Stable under normal conditions of storage and handling.

<b>Hazardous Polymerization:</b>	Data not available
<b>Conditions to Avoid:</b>	Keep away from heat
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Silicon and carbon oxides may be released on thermal decomposition.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Acute oral toxicity (LD50) Not available
<b>Skin:</b>	May irritate the skin
<b>Eyes:</b>	May irritate the skin
<b>Respiratory:</b>	Data not available
<b>Ingestion:</b>	Harmful if swallowed. May cause gastrointestinal effects such as vomiting and diarrhea.
<b>Carcinogenicity:</b>	Not available
<b>Teratogenicity:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Embryotoxicity:</b>	Not available
<b>Specific Target Organ Toxicity:</b>	Component (absorbic acid) may cause bladder or kidney stones; increase blood calcium levels.
<b>Reproductive Toxicity:</b>	Not available
<b>Respiratory/Skin Sensitization:</b>	Not available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available
<b>Persistence and Degradability:</b>	Not available
<b>Bioaccumulative Potential:</b>	Not available
<b>Mobility in Soil:</b>	Not available
<b>PBT and vPvB Assessment:</b>	Not available
<b>Other Adverse Effects:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	Not subject to DOT regulation
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not subject to TDG regulation
<b>IMDG (International Maritime Dangerous Goods):</b>	Not subject to IMDG regulation
<b>IATA (International Air Transport Association):</b>	Not subject to IATA regulation
<b>ICAO (International Civil Aviation Organization):</b>	Not subject to ICAO regulation

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No data available
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable.
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)

**16 OTHER INFORMATION****Revision Date:** 03-12-2018**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.