

## Vitamin C (tetrahexyldecyl ascorbate)

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

Revision Date: 09-Nov-2021  
Supersedes: 11-Dec-2019

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Vitamin C (tetrahexyldecyl ascorbate)  
**Synonyms:** No data available  
**INCI Name:** Tetrahexyldecyl ascorbate  
**CAS Number:** 183476-82-6  
**Formula:** No data available  
**Product Form:** Liquid  
**Product Use:** Cosmetic use

**Distributor:** MakingCosmetics Inc.  
**Address:** 10800 231<sup>st</sup> Way NE  
Redmond, WA 98053 (USA)  
**Phone / Fax:** 425-292-9502 / 425-292-9601  
**Web:** [www.makingcosmetics.com](http://www.makingcosmetics.com)

**Emergency Telephone Number:** 1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Not classified  
**GHS Labeling:** Not a dangerous substance according to GHS  
**GHS Hazard Pictograms:** None  
**GHS Hazard Statements:** None  
**GHS Precautionary Statements:** None

**Potential Health Hazards:** Eyes: Not expected to be irritant.  
Inhalation: Not expected to be irritant.  
Skin: Not expected to be irritant.  
Ingestion: Not expected to be irritant.

**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
Tetrahexyldecyl Ascorbate	183476-82-6	100%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** No adverse effects known. Seek medical attention if necessary.  
**Inhalation:** No adverse effects known. Seek medical attention if necessary.  
**Skin:** No adverse effects known. Seek medical attention if necessary.  
**Ingestion:** No adverse effects known. Seek medical attention if necessary. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (dry chemical, carbon dioxide, foam) for adjacent fire. Do not use direct water jet.  
**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.  
**Flash Points:** 256 °C  
**Specific hazards arising from the chemical:** None known. See also Stability and Reactivity section.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:**
**Environmental precautions:**
**Methods and material for containment and cleaning up:**

Avoid contact with skin and eyes. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Do not empty into drains. Notify environmental authorities in case of large leaks. Rinse the remaining material with lots of water. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:**
**Conditions for safe storage, incl. any incompatibilities:**

Avoid contact with skin and eyes. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Store in cool, dry well-ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities). Recommended to refrigerate after opening. Shelf life 36 months from date of manufacture.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component**

Tetrahexyldecyl Ascorbate

**Exposure Limits**

Not available

**Basis**
**Entity**

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 goggles with side shields.

**Inhalation:** Wear suitable protective respirator if needed.

**Body:** Wear suitable protective clothing. Wear suitable gloves.

**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:**

Liquid

**Odor:**

Faint, characteristic

**Odor Threshold:**

No data available

**Color:**

Colorless to pale yellow

**Molecular Weight:**

No data available

**pH:**

No data available

**Boiling Point:**

No data available

**Melting Point:**

No data available

**Relative Density:**

No data available

**Partition Coefficient: n-octanol/water:**

No data available

**Viscosity:**

No data available

**Oxidizing Properties:**

No data available

**Vapor Pressure:**

No data available

**Vapor Density:**

No data available

**Evaporation Rate:**

No data available

**Flammability:**

Non-flammable

**Upper/lower Explosive Limit:**

No data available

**Flash Point:**

256 °C

**Specific Gravity:**

No data available

**Solubility:**

Soluble in oil

**Auto-Ignition Temperature:**

No data available

**Decomposition Temperature:**

No data available

**Explosive Properties:**

No data available

**Freezing Point:**

No data available

## 10 STABILITY AND REACTIVITY

**Reactivity:**

No data available

**Chemical Stability:**

No data available

**Hazardous Polymerization:**

No data available

**Conditions to Avoid:**

The data available do not support any physical or chemical hazard.

**Incompatible Materials:**

Not reactive.

**Hazardous Decomposition Products:**

No data available

## 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	Not an irritant.
Eyes:	Not an irritant.
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	No data available
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:	Not a sensitizer.
Irritation:	No data available
Repeated Dose Toxicity:	No data available

## 12 ECOLOGICAL INFORMATION

Ecotoxicity	
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:	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):	No data available
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not classified for transport.
ADNR (Inland Waterways):	Not classified for transport.
IATA (International Air Transport Association):	Not classified for transport.
ICAO (International Civil Aviation Organization):	No data available
ADR/RID (Land - Road/Railway):	Not classified for transport.

## 15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
DSL (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available

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Japan ENCS:	No data available
Philippines PICCS:	No data available
Korea KECI:	No data available
New Zealand NZIoC:	No data available

### 16 OTHER INFORMATION

<b>Revision Date:</b>	09-Nov-2021
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.