Vitamin C (sodium ascorbyl phosphate)

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Vitamin C (sodium ascorbyl phosphate)
Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Synonyms: Sodium ascorbyl phosphate
CAS Number: 66170-10-3
Formulas: Not available
Product Form: Powder
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: No known hazard.
- Inhalation: May cause irritation of the respiratory tract.
- Skin: No known hazard.
- Ingestion: May cause gastrointestinal irritation.

NFPA Ratings (704):
- Health: 1 Slight
- Flammability: 1 Slight
- Reactivity: 0 Minimal
- Specific Hazard: n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Weight %</th>
<th>Molecular Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium ascorbyl phosphate</td>
<td>66170-10-3</td>
<td>100%</td>
<td>322.05 g/mole</td>
</tr>
</tbody>
</table>

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: Do not induce vomiting! Never give anything by mouth to an unconscious person. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:
- May be combustible at high temperature. Auto-ignition temperature (660°C (1220°F)). Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
- Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Special protective equipment & precautions for firefighters:
- These products are carbon oxides (CO, CO₂). As with most powdered organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

6 ACCIDENTAL RELEASE MEASURES

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

**Conditions for safe storage, incl. any incompatibilities:** Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Component</th>
<th>Exposure Limits</th>
<th>Basis</th>
<th>Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium ascorbyl phosphate</td>
<td>Not available</td>
<td>TWA: Time Weighted Average over 8 hours of work.</td>
<td>STEL: Short Term Exposure Limit during x minutes.</td>
</tr>
</tbody>
</table>

**Personal Protection:**

- **Eyes:** Not required, but wear chemical safety glasses or goggles.
- **Inhalation:** Not needed under normal conditions of use.
- **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, Physical State:** Solid powder
- **Odor:** Odorless
- **Taste:** Not available
- **Color:** Tan, white to light beige
- **Molecular Weight:** 322.05 g/mole
- **pH:** 9-10 (3% in water)
- **Boiling Point:** Not available
- **Melting Point (decomp. temp):** >200°C
- **Flash Point:** Not available
- **Specific Gravity:** Not available

- **Vapor Pressure:** Not available
- **Saponification Value:** Not available
- **Iodine Value:** Not available
- **Flammability:** Not available
- **Peroxide Value:** Not available
- **Solubility:** Soluble in cold water: 789g/l at 20°C

### 10 STABILITY AND REACTIVITY

- **Reactivity:** Product is stable
- **Chemical Stability:** Product is stable
- **Hazardous Polymerization:** Will not occur
- **Conditions to Avoid:** Avoid strong oxidizers
- **Incompatible Materials:** No known
- **Hazardous Decomposition Products:** No known
- **Special Remarks:** None

### 11 TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Acute oral toxicity (LD50): >5000 mg/kg [rat]; acute dermal toxicity (LD50): >2000mg/kg [rat]
- **Skin:** Slightly irritant in case of skin contact
- **Eyes:** Slightly irritant in case of eye contact
- **Respiratory:** Slightly irritant in case of inhalation
- **Ingestion:** Slightly irritant in case of ingestion
- **Carcinogenicity:** Not available
- **Teratogenicity:** Not available
Germ Cell Mutagenicity: Not available
Embryotoxicity: Not available
Specific Target Organ Toxicity: Not available
Reproductive Toxicity: Not available
Special Remarks: Not available

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

TSCA Inventory Status: TSCA 8(b) inventory: listed
DSCL (EEC): This product is not classified according to the EU regulations.
WHMIS (Canada): Not controlled under WHMIS (Canada)

16 OTHER INFORMATION

Revision Date: 05-25-2015
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 suitableness & completeness of such information for his own particular use.