

## Potassium Sorbate

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

Revision Date: 09-09-2015  
Supersedes: 11-13-2012

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Potassium Sorbate  
**Synonyms:** E202, Sorbistat-K, Sorbistat potassium  
**INCI Name:** Potassium Sorbate  
**CAS Number:** 24634-61-5  
**Formula:** C<sub>6</sub>H<sub>7</sub>KO<sub>2</sub>  
**Product Form:** Solid (powder)  
**Product Use:** Cosmetic use

**Distributor:** MakingCosmetics.com 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

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

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Skin Irrit. 2, Eye Irrit. 2, STOT SE 3  
**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H315: Causes skin irritation  
H319: Causes serious eye irritation

**GHS Precautionary Statements:**

P305: If in eyes rinse cautiously with water for several minutes. Remove contact lenses.

**Potential Health Hazards:**

Eyes: Irritant.  
Inhalation: May be irritant.  
Skin: May be irritant.  
Ingestion: May be irritant.

**NFPA Ratings (704):**

Health	2	Moderate
Flammability	1	Mild
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>
Potassium Sorbate	24634-61-5	N/A	150.22 g/mol

### 4 FIRST AID MEASURES

**Eyes:** Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.  
**Inhalation:** Remove victim to fresh air. Consult a physician if needed.  
**Skin:** Wash skin with soap and water. Consult a physician if irritation develops.  
**Ingestion:** Give large quantities of water. Do not induce vomiting. If symptoms appear, consult a physician.

### 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** Water spray, foam, carbon dioxide for large fires, dry powder for small fires.  
**Special protective equipment & precautions for firefighters:** Firefighters should wear full protective clothing including self-contained breathing Apparatus.  
**Flash Points:** Not available  
**Specific hazards arising from the chemical:** Not available

### 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 entry into waterways, sewers, basements or confined areas.  
**Methods and material for containment and cleaning up:** Use vacuum or broom and remove to disposal container. If damp, flush with water.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.  
**Conditions for safe storage, incl. any incompatibilities:** This product must be stored, handled and used according to criteria of good industrial practice and to regulations in force. Avoid freezing or excessive heat. Keep the container tightly closed and in a cool, well-ventilated place.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Potassium Sorbate	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:** Safety glasses, goggles, or face shield recommended for eye protection.  
**Inhalation:** Appropriate NIOSH approved respiratory protection may be worn.  
**Body:** Gloves and protective clothing may be worn to prevent prolonged skin 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, Physical State:</b>	Crystalline powder	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not available
<b>Taste:</b>	Not available	<b>Evaporation Rate:</b>	Not available
<b>Color:</b>	White	<b>Flammability:</b>	Not available
<b>Molecular Weight:</b>	150.22 g/mol	<b>Upper/lower Explosive Limit:</b>	Not available
<b>pH (1% sol. in water)</b>	Not available	<b>Solubility:</b>	Soluble in water
<b>Boiling Point:</b>	Not available	<b>Flash Point:</b>	Not available
<b>Melting Point:</b>	270°C (518°F)	<b>Specific Gravity:</b>	1.363 (at 20°C)

## 10 STABILITY AND REACTIVITY

**Reactivity:** Stable under normal conditions.  
**Chemical Stability:** Stable under normal conditions.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Not available.  
**Incompatible Materials:** Not available.  
**Hazardous Decomposition Products:** None known.

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Acute oral toxicity Not available  
**Skin:** Not available  
**Eyes:** Not available  
**Respiratory:** Not available  
**Ingestion:** Not available  
**Carcinogenicity:** Non carcinogenic  
**Teratogenicity:** Not available  
**Germ Cell Mutagenicity:** Not available  
**Embryotoxicity:** Not available  
**Specific Target Organ Toxicity:** Not available

**Reproductive Toxicity:** Not available  
**Respiratory/Skin Sensitization:** 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:** Listed as Potassium Sorbate.  
**DSCL (EEC):** This product is not classified according to the EU regulations. Not applicable.  
**WHMIS (Canada):** Not controlled under WHMIS (Canada)

## 16 OTHER INFORMATION

**Revision Date:** 09-09-2015

**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 suitability & completeness of such information for his own particular use.