

## Potassium Sorbate Prills

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

Revision Date: 20-Sep-2024  
Supersedes: 09-Nov-2023

### 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Potassium Sorbate Prills  
**Synonyms:** N/A  
**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  
**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](http://www.makingcosmetics.com)

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

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Eye Irrit. 2A, H319  
Skin Irrit. 2A, H315

**GHS Signal Word:** WARNING

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H319: Causes serious eye irritation  
P264: Wash skin thoroughly after handling.

**GHS Precautionary Statements:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**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	100	Not available

### 4 FIRST AID MEASURES

**Eyes:** Wash eyes immediately with large amounts of water. Get medical attention.  
**Inhalation:** Remove to fresh air. Consult a physician if needed.  
**Skin:** Remove contaminated clothing immediately. Wash skin with soap or mild detergent and large amounts of water until no evidence of chemical remains. Consult a physician if irritation develops.  
**Ingestion:** Contact the local poison control center or physician immediately. Drink large amounts of water. Do not induce vomiting.  
**Symptoms and Effects:** Swallowing may cause nausea or abdominal discomfort.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	Use CO2 or H2O extinguishers applied by the manufacturer's instructions.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus. With a full facepiece and protective clothing.
<b>Flash Points:</b>	Not available
<b>Specific hazards arising from the chemical:</b>	<b>Hazardous Decomposition Products:</b> Burning can produce smoke, carbon monoxide, and carbon dioxide.
	<b>Unusual Fire and Explosion Hazards:</b> None known

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	See section 8 for recommendations on the use of personal protective equipment. Transfer used material to a suitable waste container and dispose of in accordance with local regulations.
<b>Environmental precautions:</b>	Non-hazardous. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods and material for containment and cleaning up:</b>	Sweep up and put into a waste container. Was residue from spill area with water containing detergent and flush to a sewer serviced by a permitted wastewater treatment facility. Observe all government regulations.

## 7 HANDLING & STORAGE

<b>Precautions for safe handling:</b>	Handle in accordance with good industrial hygiene and safety practices. Keep the working place well-ventilated; no special precautions are needed under normal use conditions.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	Store in the original closed containers under dry conditions. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pickup and caking. Avoid exposure to sunlight for prolonged periods. Exposure to light and heat should be avoided. Paper, cloth, and other absorbent materials soaked with sorbates may ignite spontaneously so these substances should be kept away from cellulosic materials.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Potassium Sorbate	Not limits established		

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:

<b>Eyes:</b>	Chemical goggles with side splash protection recommended for eye protection.
<b>Inhalation:</b>	Appropriate NIOSH approved respiratory protection may be worn.
<b>Body:</b>	Gloves and protective clothing may be worn to prevent prolonged skin contact.
<b>Other:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. An eye wash facility should be available in the work area.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance, Physical State:</b>	White Granular	<b>Vapor Pressure:</b>	Not available
<b>Odor:</b>	Odorless	<b>Vapor Density:</b>	Not available
<b>Odor Threshold:</b>	Not available	<b>Evaporation Rate:</b>	Not determined
<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 (10% water solution):</b>	8.5-10.5	<b>Water Solubility:</b>	Soluble
<b>Boiling Point:</b>	Not determined	<b>Flash Point:</b>	Not applicable
<b>Melting Range:</b>	132-135°C	<b>Specific Gravity:</b>	1.363 (at 20°C)
<b>Auto-ignition Temperature:</b>	Not determined	<b>Viscosity:</b>	Not determined
<b>Decomposition Temperature:</b>	Not available	<b>Explosion Properties:</b>	Not available
<b>Decomposes at:</b>	-270°C	<b>% Volatile:</b>	Not applicable
<b>Loss on drying:</b>	≤1%	<b>Oxidizing Properties:</b>	Not determined

<b>Heat resistance:</b>	No discoloration after heating 90 @ 105°C	<b>Clarity:</b>	Not less than 90% Spectrophotometry: solutions of 5g/20 ml in water
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## 10 STABILITY AND REACTIVITY

<b>Reactivity:</b>	Stable under normal conditions.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Gross bacterial contamination, heat, flames, sparks, and other sources of ignition.
<b>Incompatible Materials:</b>	Avoid metals, oxidizing materials, and moisture.
<b>Hazardous Decomposition Products:</b>	Burning can produce smoke, CO, CO <sub>2</sub> , potassium oxide, and other products of incomplete combustion.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	<b>Oral:</b> Not determined.
<b>Skin:</b>	May cause skin irritation.
<b>Eyes:</b>	Dust may cause mild irritation.
<b>Inhalation:</b>	Dust may cause respiratory tract irritation.
<b>Ingestion:</b>	Excessive ingestion may cause mild nausea or abdominal discomfort.
<b>Repeated Dose Toxicity:</b>	No chronic toxicity is known.
<b>Carcinogenicity:</b>	No data available
<b>Teratogenicity:</b>	Not available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	Not available
<b>Specific Target Organ Toxicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not expected to affect reproduction or development.
<b>Respiratory/Skin Sensitization:</b>	Not available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available
<b>Aquatic Vertebrate:</b>	Not available
<b>Aquatic Invertebrate:</b>	Not available
<b>Terrestrial:</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

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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 regulated
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated
<b>IATA (International Air Transport Association):</b>	Not regulated

ICAO (International Civil Aviation Organization): Not regulated

## 15 REGULATORY INFORMATION

**Regulation (EC) No 850/2004 - Persistent organic pollutants:** This product does not contain any chemicals regulated under EC 850/2004.

**Regulation (EC) No 689/2008 - Concerning the export and import of dangerous chemicals:** This product does not contain any chemicals regulated under EC 689/2008.

### Safety, Health, and Environmental; Regulations/Legislation Specific for the Substance or Mixture:

EU EINECS/ELINCS/NLP: Listed  
US TSCA: Listed  
China IESCSC: Listed  
New Zealand: Listed  
Philippine PICCS: Listed  
Taiwan: Listed  
Australia AICS: Listed  
Japan ENCS: Listed

## 16 OTHER INFORMATION

**Revision Date:** 20-Sep-2024

**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.