

# MATERIAL SAFETY DATA SHEET

## POTASSIUM SORBATE

Effective Date: December 31, 2025

### 1. PRODUCT IDENTIFICATION

Item	Information
Product Name	Potassium Sorbate FCCIV Granular
Synonyms	2,4-Hexadienoic Acid, Potassium Salt; Sorbic Acid, Potassium Salt
CAS No.	24634-61-5
Molecular Formula	C <sub>6</sub> H <sub>7</sub> KO <sub>2</sub>
Molecular Weight	150.22
Supplier / Export Dept.	Tianjin Huge Roc Enterprises Co., Ltd
Telephone	+86-13602030663

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Percent	Hazardous
Potassium Sorbate	24634-61-5	99 - 101%	No

### 3. HAZARDS IDENTIFICATION

Item	Information
Designation	No specific hazard.
Emergency Overview	As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
Potential Health Effects	Information on human health effects from exposure to this substance is limited. Inhalation is not expected to be a health hazard. No adverse effects are expected from ingestion. Skin and eye contact are not expected to be a health hazard.
Chronic Exposure	No information found.
Aggravation of Pre-existing Conditions	No information found.

### 4. FIRST AID MEASURES

Route	Procedure
Inhalation	Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion	If large amounts were swallowed, give water to drink and get medical advice.
Skin Contact	Wash exposed area with soap and water. Get medical advice if irritation develops.
Eye Contact	Wash thoroughly with running water. Get medical advice if irritation develops.

### 5. FIRE FIGHTING MEASURES

Item	Information
Flash Point	Non-flammable. Not considered to be a fire hazard.
Explosion	Not considered to be an explosion hazard.
Fire Extinguishing Media	Use any means suitable for extinguishing surrounding fire.
Special Information	Use protective clothing and breathing equipment appropriate for the surrounding fire.

### 6. ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

### 7. HANDLING AND STORAGE

#### Handling

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping practices. Observe all warnings and precautions listed for the product.

### Storage

Store in a cool, dry area away from incompatible materials. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick-up and caking.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Item	Information
Exposure Limits	None established.
Ventilation System	In general, dilution ventilation is a satisfactory health hazard control for this substance. If conditions of use create discomfort to the worker, a local exhaust system should be considered.
Personal Respirators	Use NIOSH/MSHA approved respirators.
Skin Protection	Avoid skin contact. Wear rubber gloves and protective clothing.
Eye Protection	Avoid eye contact. Wear safety spectacles or goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Result
Appearance	White granular / white powder
Odor	Odorless
Molecular Formula	C <sub>6</sub> H <sub>7</sub> KO <sub>2</sub>
Formula Weight	150.22
Water Solubility	Appreciable
Specific Gravity	1.363 at 20°C
Melting Point	270°C
pH	Not applicable
Evaporation Rate (BuAc=1)	Not applicable
Vapor Pressure (mmHg)	Not applicable
Vapor Density (Air=1)	Not applicable

## 10. STABILITY AND REACTIVITY

Item	Information
Stability	Stable under normal temperatures and pressures.
Incompatibilities	Not applicable.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide and potassium oxide.
Hazardous Polymerization	Will not occur under normal conditions.

## 11. TOXICOLOGICAL INFORMATION

Not available.

## 12. ECOLOGICAL INFORMATION

Not available.

## 13. DISPOSAL CONSIDERATIONS

Observe all national, federal, state and local regulations.

## 14. TRANSPORT INFORMATION

Not hazardous for sea transport according to IMO IMDG Code.

## 15. REGULATORY INFORMATION

<b>Regulation</b>	<b>Information</b>
TSCA	This product is listed on the TSCA Inventory.
SARA Title III Section 302 Extremely Hazardous Substance	Unlisted.
SARA Title III Section 313 Toxic Chemicals	Unlisted.
SARA 311/312 Hazard Category	Not considered a hazard.
CERCLA Reportable Requirements (RQ)	None.

## 16. OTHER INFORMATION

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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