

# SAFETY DATA SHEET

SDS04342  
POTASSIUM SORBATE FCC KOSHER

Preparation Date: 24/Mar/2020

Version: 2

## 1. IDENTIFICATION

### Product identifier

**Product Name** POTASSIUM SORBATE FCC KOSHER

### Other means of identification

**SDS Number** SDS04342

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended Use** Food preservative.

**Restricted Uses** No information available

### Initial Supplier Identifier

Lab Alley LLC  
22111 : Highway 71 West, Suite 601  
Spicewood, Texas 78669  
Tel: 512-668-9918

### Emergency telephone number

Infotrac: 800-535-5053

## 2. HAZARD IDENTIFICATION

### Hazardous Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3

### Label elements

#### Hazard pictograms



**Signal Word: Warning**

**Hazard statements**

Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation

**Precautionary Statements**

**Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area

**Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention  
IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
IF INHALED: Call a POISON CENTER or doctor if you feel unwell

**Storage**

Store in a well-ventilated place. Keep container tightly closed

**Disposal**

Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations

**Unknown acute toxicity**                      No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Chemical Name	CAS No	Weight-% (W/W)	Synonyms
2,4-Hexadienoic acid, potassium salt, (E,E)-	24634-61-5	60 - 100%	2,4-Hexadienoic acid, potassium salt, (E,E)-

**Notes:**

Other CAS# 590-00-1. The actual percentage concentration has been withheld as a trade secret.

### 4. FIRST-AID MEASURES

## **Description of first aid measures**

### **General advice**

Show this safety data sheet to the doctor in attendance.

### **Inhalation**

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur.

### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

### **Skin contact**

IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. Get medical attention if irritation develops and persists.

### **Ingestion**

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

### **Self-protection of the first aider**

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

### **Most important symptoms and effects, both acute and delayed:**

Causes skin irritation Causes serious eye irritation May cause respiratory tract irritation

### **Indication of any immediate medical attention and special treatment needed:**

### **Note to physicians**

Treatment based on sound judgment of physician and individual reactions of patient.

## **5. FIRE-FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Use DRY chemicals, CO<sub>2</sub>, alcohol foam or water spray.

### **Specific hazards arising from the substance or mixture**

Use water spray to cool fire-exposed containers and structures. Do not use a solid stream of water; this may cause spattering and spread the fire. May form flammable dust-air mixtures.

### **Hazardous combustion products**

Oxides of carbon. Oxides of potassium. Metal oxides.

### **Special protective equipment and precautions for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Evacuate personnel to safe areas. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in

immediate area). Avoid generation of dust. Wash thoroughly after handling.

### **Environmental precautions**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Consult local authorities.

### **Methods and materials for containment and cleaning up**

Avoid raising dust. Scoop up or vacuum up and place in an appropriate closed container.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling. Do not consume food, drink or smoke while handling this material. Avoid breathing in dust. Good housekeeping procedures should be followed to minimize dust generation and accumulation. Protect from light.

### **Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well ventilated area, away from heat and ignition sources. Prevent electrostatic charge buildup by using common bonding and grounding techniques.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

#### **Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	Alberta OEL	British Columbia OEL	Ontario	Quebec OEL	Exposure Limit - ACGIH	Immediately Dangerous to Life or Health - IDLH
2,4-Hexadienoic acid, potassium salt, (E,E)- 24634-61-5	Not available	Not available	Not available	Not available	Not available	Not available

Consult local authorities for recommended exposure limits

### **Appropriate engineering controls**

#### **Engineering controls**

Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

### **Individual protection measures, such as personal protective equipment**

#### **Eye/face protection**

If splashes are likely to occur, wear safety glasses with side-shields.

#### **Hand protection**

Appropriate chemical resistant gloves should be worn.

#### **Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator.

**General hygiene considerations**

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties****Appearance**

<b>Physical state</b>	Solid Granular
<b>Color</b>	White
<b>Odor</b>	Odorless
<b>Odor threshold</b>	No information available

<u>PROPERTIES</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	8 - 11	
<b>Melting point / freezing point</b>	> 210 °C / 410 °F	
<b>Initial boiling point/boiling range</b>	No data available	None known
<b>Flash point</b>	No data available	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No data available	
<b>Lower flammability limit:</b>	No data available	
<b>Vapor pressure</b>	No data available	None known
<b>Relative vapor density</b>	No data available	None known
<b>Specific Gravity</b>	1.36	
<b>Water solubility</b>	Miscible in water	
<b>Solubility in other solvents</b>	No data available	
<b>Partition coefficient</b>	No data available	
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No information available.	
<b>Oxidizing properties</b>	No information available.	
<b>Molecular weight</b>	150.22 g/mol	
<b>VOC Percentage Volatility</b>	No information available	
<b>Liquid Density</b>	No information available	
<b>Bulk density</b>	No information available	

## 10. STABILITY AND REACTIVITY

**Reactivity/Chemical Stability**

Stable under normal conditions

**Possibility of hazardous reactions**

No additional remark.

**Hazardous polymerization**

Will not occur.

**Conditions to avoid**

Excessive heat. Exposure to light. Avoid conditions that generate dust.

**Incompatible materials**

Oxidizing agents. Aluminum. Tin. Zinc.

**Hazardous decomposition products**

Oxides of carbon. Oxides of potassium.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Inhalation**

May cause respiratory tract irritation.

**Eye contact**

Causes serious eye irritation.

**Skin contact**

Causes skin irritation.

**Ingestion**

Swallowing larger amounts may cause gastrointestinal symptoms.

**Information on toxicological effects****Symptoms**

May cause redness and tearing of the eyes.

**Numerical measures of toxicity****Acute toxicity****Unknown acute toxicity**

No information available

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2,4-Hexadienoic acid, potassium salt, (E,E)- 24634-61-5	= 3200 mg/kg ( Rat ) = 3800 mg/kg ( Rat ) = 4340 mg/kg ( Rat )	Not available	Not available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization**

No information available.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
2,4-Hexadienoic acid, potassium salt, (E,E)- 24634-61-5	Not available	Not available	Not available	Not available

**Reproductive toxicity**

No information available.

**Specific target organ systemic toxicity - single exposure**

May cause respiratory irritation.

**Specific target organ systemic toxicity - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical Name	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Fish Species Data	Toxicity to microorganisms	Crustacea
2,4-Hexadienoic acid, potassium salt, (E,E)- 24634-61-5	Not available	1250 mg/L LC50 (Brachydanio rerio) 96 h static	Not available	EC50: =750mg/L (48h, Daphnia magna)

**Persistence and degradability** No information available.**Bioaccumulation** No information available.

Chemical Name	Partition coefficient
2,4-Hexadienoic acid, potassium salt, (E,E)- 24634-61-5	Not available

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Do not reuse empty containers.

## 14. TRANSPORT INFORMATION

**TDG (Canada):**

<b>UN Number</b>	Not applicable
<b>Shipping name</b>	Not regulated
<b>Class</b>	Not applicable

**Packing Group** Not applicable  
**Marine pollutant** Not available.

**DOT (U.S.)**

**UN Number** Not applicable  
**Shipping name** Not regulated  
**Class** Not applicable  
**Packing Group** Not applicable  
**Marine pollutant** Not available

**15. REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**U.S. Regulatory Rules**

Chemical Name	CERCLA/SARA - Section 302:	SARA (311, 312) Hazard Class:	CERCLA/SARA - Section 313:
2,4-Hexadienoic acid, potassium salt, (E,E)- - 24634-61-5	Not Listed	Not Listed	Not Listed

**International Inventories**

**TSCA** All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

**DSL/NDSL** All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**16. OTHER INFORMATION**

<b>NFPA:</b>	<b>Health hazards</b> 2	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Physical and chemical properties - Personal protection</b> X
<b>HMIS:</b>	<b>Health hazards</b> 2	<b>Flammability</b> 0	<b>Physical hazards</b> 0	

**Legend** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**TWA** TWA (time-weighted average)      **STEL** STEL (Short Term Exposure Limit)  
**Ceiling** Maximum limit value      \* Skin designation

**Prepared By:** The Environment, Health and Safety Department of Lab Alley LLC.

**Preparation Date:** 24/Mar/2020

**Revision Date:** 24/Mar/2020

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**End of Safety Data Sheet**