

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, CO₂, 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**

| | |
|-----------------------|--------------------------|
| Physical state | Solid Granular |
| Color | White |
| Odor | Odorless |
| Odor threshold | No information available |

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

| | |
|----------------------|----------------|
| UN Number | Not applicable |
| Shipping name | Not regulated |
| Class | 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

| | | | | |
|--------------|-------------------------|-----------------------|---------------------------|--|
| NFPA: | Health hazards 2 | Flammability 0 | Instability 0 | Physical and chemical properties - Personal protection X |
| HMIS: | Health hazards 2 | Flammability 0 | Physical hazards 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.

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Do not use ingredient information and/or ingredient percentages in this SDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from Lab Alley Sales Office.

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End of Safety Data Sheet