



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

Fluid Science Limited
Unit 5 Pride Point, Ashcroft Road
Knowsley Industrial Park
Liverpool L33 7TW
United Kingdom

Emergency telephone number

Emergency number +44 (0) 1244 506 860 (9am-5.30pm GMT Monday to Friday)

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

<u>PROPERTIES</u>	<u>Values</u>	<u>Remarks • Method</u>
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

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