Safety Data Sheet

1. Identification

Product Name:	Potassium Sorbate — Bulk Food Grade
Synonyms:	Sorbic acid potassium salt, E202
Recommended Use:	Food additive (preservative) for foods and beverages.
Restrictions on Use:	None known for food use within regulatory limits.
Supplier:	LiquidShop (Liquid Solution), 613 Rte du Président-Kennedy, porte 6, Lévis, QC G6C 1J6, Canada
Contact:	info@liquidsolution.ca · liquidshop.ca
Emergency Telephone:	Centre antipoison du Québec: 1-800-463-5060 (24 h)

2. Hazard Identification

Classification:	Skin irritation, Category 2; Serious eye damage/eye irritation, Category 2; Specific target organ toxicity — single exposure, Category 3 (respiratory tract irritation) (WHMIS 2015 / GHS).
Label Elements:	Pictogram: GHS07 (exclamation mark). Signal word: Warning.
Hazard Statements:	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.
Precautionary Statements:	P261 Avoid breathing dust. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves and eye protection. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTRE or doctor if you feel unwell. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention.
Other Hazards:	Fine dust dispersed in air may form combustible dust concentrations.

3. Composition / Information on Ingredients

Substance:	Potassium sorbate
CAS No.:	24634-61-5
EC No.:	246-376-1
Molecular Formula / Weight:	C6H7KO2 / 150.22 g/mol
Concentration:	99.0 – 101.0 %

4. First-Aid Measures

Inhalation:	Move to fresh air. Seek medical attention if symptoms persist.
Skin Contact:	Wash with plenty of soap and water. If skin irritation occurs, get medical advice.
Eye Contact:	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.
Ingestion:	Rinse mouth with water. Seek medical attention if large amounts are swallowed and symptoms occur.
Symptoms / Effects:	May cause skin, eye and respiratory tract irritation.

5. Fire-Fighting Measures

Extinguishing Media:	Water spray, foam, dry chemical or CO2.
Specific Hazards:	Fine dust may form combustible mixtures with air. Thermal decomposition may release oxides of carbon and potassium oxides.
Protective Equipment:	Self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions:	Avoid dust formation and contact with eyes. Ensure adequate ventilation. Wear eye protection.
Environmental Precautions:	Avoid release of large quantities to drains and surface water.
Clean-up:	Sweep or vacuum up and place in a suitable closed container for disposal. Avoid generating dust.

7. Handling and Storage

Handling:	Handle in accordance with good manufacturing and hygiene practices. Avoid dust formation. Avoid contact with eyes. Wash hands after handling.
Storage:	Store in a cool, dry place in tightly closed containers, protected from light. Keep away from strong oxidizing agents.

8. Exposure Controls / Personal Protection

Exposure Limits:	No occupational exposure limits established. Nuisance dust limits apply.
Engineering Controls:	General or local exhaust ventilation to control dust.
Eye Protection:	Safety glasses with side shields or chemical goggles.
Skin Protection:	Food-grade gloves and clean work clothing.
Respiratory Protection:	Dust mask (N95) if dust is generated.

9. Physical and Chemical Properties

Appearance:	White to off-white granules
Odour:	Slight characteristic odour
Solubility:	Freely soluble in water
Flammability:	Combustible solid (dust)

10. Stability and Reactivity

Chemical Stability:	Stable under recommended storage conditions. May slowly oxidize and discolour on prolonged exposure to light and air.
Conditions to Avoid:	Light, excessive heat, moisture, dust generation.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition:	Oxides of carbon; potassium oxides.

11. Toxicological Information

Acute Oral Toxicity:	LD50 (rat) > 2,000 mg/kg. Low acute toxicity.
Irritation:	Causes skin and serious eye irritation. Dust may irritate the respiratory tract.
Sensitization / CMR:	Not classified as carcinogenic, mutagenic or toxic to reproduction.
Food Safety:	Approved food preservative (E202).

12. Ecological Information

Ecotoxicity:	Not expected to be harmful to aquatic organisms at the quantities handled.
Persistence:	Expected to be readily biodegradable.
Bioaccumulation:	Not expected to bioaccumulate.

13. Disposal Considerations

Disposal:	Dispose of in accordance with local, provincial and federal regulations. Empty packaging may be recycled.

14. Transport Information

TDG / DOT / IATA / IMDG:	Not regulated as dangerous goods.

15. Regulatory Information

Canada:	Hazardous product under WHMIS 2015 (skin irritation Cat. 2, eye irritation Cat. 2, STOT SE Cat. 3). Permitted preservative (List of Permitted Preservatives, Health Canada).
Quality Standard:	Meets E202 / FCC / NF 32 standards.

16. Other Information

Date of Issue:	2026-10-08
Revision:	00

The information in this Safety Data Sheet is believed to be accurate as of the date of issue. It is provided for safe handling, use and disposal and does not constitute a warranty or quality specification.