Safety Data Sheet

1. Identification

Product Name:	Tartaric Acid — Bulk Food Grade
Synonyms:	L-(+)-Tartaric acid, (2R,3R)-2,3-dihydroxybutanedioic acid, E334
Recommended Use:	Food additive (acidulant, acidity regulator, leavening acid) for foods, beverages and supplements.
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:	Serious eye damage, Category 1 (WHMIS 2015 / GHS).
Label Elements:	Pictogram: GHS05 (corrosion). Signal word: Danger. H318: Causes serious eye damage.
Precautionary Statements:	P264: Wash hands thoroughly after handling. P280: Wear eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTRE/doctor.
Other Hazards:	Dust may irritate the skin and respiratory tract. Fine dust dispersed in air may form combustible dust concentrations.

3. Composition / Information on Ingredients

Substance:	L-(+)-Tartaric acid
CAS No.:	87-69-4
EC No.:	201-766-0
Molecular Formula / Weight:	C4H6O6 / 150.09 g/mol
Concentration:	High purity

4. First-Aid Measures

Inhalation:	Move to fresh air. Seek medical attention if symptoms persist.
Skin Contact:	Wash with soap and water. Seek medical attention if irritation develops.
Eye Contact:	Rinse immediately and cautiously with water for at least 15 minutes. Remove contact lenses if easy to do. Continue rinsing. Immediately call the Centre antipoison or a doctor.
Ingestion:	Rinse mouth with water. Seek medical attention if large amounts are swallowed and symptoms occur.
Symptoms / Effects:	Causes serious eye damage. Dust may irritate the skin and respiratory tract.

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.
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.
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.
Storage:	Store in a cool, dry place in tightly closed containers, protected from moisture. 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:	Tightly fitting safety goggles (face shield if splashing or heavy dust is possible).
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 crystalline powder
Odour:	Odourless
Taste:	Strongly acid
pH:	Acidic in aqueous solution
Solubility:	Freely soluble in water
Flammability:	Not flammable

10. Stability and Reactivity

Chemical Stability:	Stable under recommended storage conditions.
Conditions to Avoid:	Excessive heat, moisture, dust generation.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition:	Oxides of carbon.

11. Toxicological Information

Acute Oral Toxicity:	Low acute toxicity.
Irritation:	Causes serious eye damage. May cause skin and respiratory irritation.
Sensitization / CMR:	Not a sensitizer. Not classified as carcinogenic, mutagenic or toxic to reproduction.
Food Safety:	Approved food additive (E334).

12. Ecological Information

Ecotoxicity:	Low toxicity to aquatic organisms; large releases may lower the pH of water.
Persistence:	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 (Serious Eye Damage, Category 1). Permitted food additive (Health Canada).

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.