Safety Data Sheet

1. Identification

Product Name:	Citric Acid Anhydrous — Bulk Food Grade
Synonyms:	Anhydrous citric acid, 2-hydroxypropane-1,2,3-tricarboxylic acid, E330
Recommended Use:	Food additive (acidulant, acidity regulator) 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/eye irritation, Category 2A (WHMIS 2015 / GHS).
Label Elements:	Pictogram: GHS07 (exclamation mark). Signal word: Warning. H319: Causes serious eye irritation.
Precautionary Statements:	P264: Wash hands thoroughly after handling. P280: Wear eye 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. P337+P313: If eye irritation persists: Get medical advice/attention.
Other Hazards:	Dust may irritate the respiratory tract. Fine dust dispersed in air may form combustible dust concentrations.

3. Composition / Information on Ingredients

Substance:	Citric acid, anhydrous
CAS No.:	77-92-9
EC No.:	201-069-1
Molecular Formula / Weight:	C6H8O7 / 192.12 g/mol
Concentration:	≥ 99.5 %

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 cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, seek medical attention.
Ingestion:	Rinse mouth with water. Seek medical attention if large amounts are swallowed and symptoms occur.
Symptoms / Effects:	Causes serious eye irritation. Dust may irritate the respiratory tract and skin.

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:	Safety goggles or safety glasses with side shields.
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 or almost white crystalline powder
Odour:	Odourless
Taste:	Strongly acid
pH:	Acidic in aqueous solution
Solubility:	Very soluble in water; freely soluble in ethanol
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 irritation. May cause mild skin and respiratory irritation.
Sensitization / CMR:	Not a sensitizer. Not classified as carcinogenic, mutagenic or toxic to reproduction.
Food Safety:	Approved food additive (E330).

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 (Eye Irritation, Category 2A). Permitted food additive (Health Canada).
Quality Standard:	Complies with the USP and FCC monographs.

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.