SAFETY DATA SHEET

Citric Acid USP Kosher – Fine Powder

Prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS

SDS DATE	VERSION	PRODUCT CODE (SKU)	CAS NO.
10/29/2026	1.0	CITRICACID.USP-1LB	77-92-9

SECTION 1: IDENTIFICATION

1.1 Product identifier

Product name	**Citric Acid USP Kosher – Fine Powder**
Product code (SKU)	CITRICACID.USP-1LB
Chemical name / synonyms	Citric acid; 2-hydroxypropane-1,2,3-tricarboxylic acid
CAS No.	77-92-9
Product form	Substance
Grade	USP grade (Kosher)

1.2 Recommended use and restrictions on use

Recommended use	Raw material for formulation and manufacture of cosmetic, personal-care and holistic products; laboratory use.
Uses advised against	None identified by the manufacturer.

1.3 Responsible party and supplier

Supplier / responsible party	**LA Ingredients** 853 Sandhill Avenue Carson, CA 90746, USA
Email / website	support@laingredients.com laingredients.com

1.4 Emergency telephone number

Emergency telephone (24 hours)	**+1 656 232 3588** Hazmat Line Emergency Response (24 hours a day, 7 days a week)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture (GHS / OSHA HCS 2012)

Eye irritation, Category 2A (H319).

2.2 GHS label elements



Signal word	Warning
Hazard statement(s)	H319 Causes serious eye irritation.

Precautionary statement(s)	P264 Wash skin thoroughly after handling. P280 Wear protective gloves / 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. P337 + P313 If eye irritation persists: Get medical advice / attention.

2.3 Hazards not otherwise classified (HNOC)

None identified by the manufacturer.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance. Single component.

Chemical name	CAS No.	EC No.	Concentration	GHS classification
Citric acid (USP grade)	77-92-9	201-069-1	Not specified by manufacturer	Eye Irrit. 2A; H319

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

General advice	Move out of the dangerous area. Consult a physician and show this safety data sheet to the doctor in attendance.
Inhalation	Move the person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin contact	Wash off with soap and plenty of water. Consult a physician.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, acute and delayed

Causes serious eye irritation. See Sections 2.2 and 11.

4.3 Immediate medical attention and special treatment

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable	Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable	No data available.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing dust, vapors, mist or gas. Ensure adequate ventilation. See Section 8.

6.2 Environmental precautions

Do not let the product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange for disposal without creating dust. Sweep up and shovel into suitable, closed containers for disposal. See Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation where dust is formed.

See Section 2.2 for precautions.

7.2 Conditions for safe storage, including incompatibilities

Keep the container tightly closed in a dry, well-ventilated place.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

8.3 Individual protection measures / personal protective equipment (PPE)

Eye / face	Safety glasses with side-shields tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).
Skin / hands	Wear gloves. Inspect gloves before use and use proper glove-removal technique (without touching the glove's outer surface). Dispose of contaminated gloves in accordance with applicable laws and good laboratory practice. Wash and dry hands. Material: nitrile rubber; minimum thickness 0.11 mm; breakthrough time 480 min (EN 374 data supplied by the manufacturer, for both full and splash contact). If used in solution or mixed with other substances, or under conditions that differ from EN 374, consult the glove supplier. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of use.
Body	Impervious clothing. Select the type of protective equipment according to the concentration and amount of the substance at the specific workplace.
Respiratory	For nuisance exposures use a type P95 (US) or type P1 (EU EN 143) particle respirator. For higher-level protection use type OV/AG/P99 (US) or ABEK-P2 (EU EN 143) cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hygiene	Wash hands before breaks and at the end of the workday. Do not let the product enter drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Crystalline solid (fine powder); white
Odor	No data available
Odor threshold	No data available
pH	1.8 at approx. 50 g/L at 25 °C (77 °F)
Melting point / range	153–159 °C (307–318 °F) (literature)
Initial boiling point / range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper / lower flammability or explosive limits	Lower explosion limit: 8 % (V) (as reported by the manufacturer)
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Water solubility	383 g/L at 25 °C (77 °F)
Partition coefficient (n-octanol/water)	log Pow: −1.64 at 20 °C (68 °F)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	No data available.
10.2 Chemical stability	Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	No data available.
10.4 Conditions to avoid	No data available.
10.5 Incompatible materials	Oxidizing agents, bases, reducing agents, nitrates.
10.6 Hazardous decomposition products	Other decomposition products: no data available. In the event of fire, see Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 oral, rat: 5,400 mg/kg (OECD 401) LD50 dermal, rat: > 2,000 mg/kg (OECD 402) Inhalation: no data available
Skin corrosion / irritation	Rabbit: mild skin irritation (OECD 404). Not classified.
Serious eye damage / irritation	Rabbit: irritating to eyes (OECD 405). **Classified Eye Irrit. 2A.**
Respiratory or skin sensitization	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.
Germ cell mutagenicity	No data available.
Carcinogenicity	No component present at 0.1% or more is identified as a probable, possible or confirmed human carcinogen by IARC, or as a carcinogen or potential carcinogen by ACGIH, NTP or OSHA.
Reproductive toxicity	No data available.
STOT – single exposure	No data available.
STOT – repeated exposure	No data available.
Aspiration hazard	No data available.
Additional information	RTECS: GE7350000. Reported effects: vomiting, diarrhea, damage to tooth enamel, dermatitis. To the best of the manufacturer's knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity	Fish: LC50, Leuciscus idus melanotus, 440 mg/L, 48 h (OECD 203) Daphnia and other aquatic invertebrates: Daphnia magna (water flea), 1,535 mg/L, 24 h (static test)
12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 PBT and vPvB assessment	Not available; chemical safety assessment not required / not conducted.
12.6 Other adverse effects	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose in accordance with all applicable federal, state and local regulations.
Contaminated packaging	Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

DOT (US)	Not dangerous goods. Not regulated for transport.

IMDG (sea)	Not dangerous goods.
IATA (air)	Not dangerous goods.

SECTION 15: REGULATORY INFORMATION

SARA 302 (extremely hazardous substances)	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 (toxic chemicals)	This material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 hazard categories	Acute health hazard.
California Proposition 65	This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
State right-to-know	Massachusetts: no components subject to the Massachusetts Right to Know Act. Pennsylvania: citric acid (77-92-9) listed. New Jersey: citric acid (77-92-9) listed.

SECTION 16: OTHER INFORMATION

Date of issue / last revision	10/29/2026
Version	1.0
Supersedes	**None (first issue)**
Prepared by	LA Ingredients, 853 Sandhill Avenue, Carson, CA 90746 | support@laingredients.com
Basis of this SDS	Manufacturer's safety data sheet for citric acid, version 4.4, revision date 02/26/2023.

Hazard ratings (as given by the manufacturer)

HMIS	Health 2 | Flammability 0 | Physical hazard 0
NFPA	Health 2 | Fire 0 | Reactivity 0

Key to abbreviations

CAS = Chemical Abstracts Service; EC = European Community number; GHS = Globally Harmonized System; OSHA HCS = OSHA Hazard Communication Standard; PEL = Permissible Exposure Limit; TWA = time-weighted average; LD50 / LC50 = median lethal dose / concentration; EC50 = median effective concentration; PBT / vPvB = persistent, bioaccumulative, toxic / very persistent, very bioaccumulative; DOT = US Department of Transportation; IMDG = International Maritime Dangerous Goods Code; IATA = International Air Transport Association; TSCA = Toxic Substances Control Act; SARA = Superfund Amendments and Reauthorization Act; HMIS = Hazardous Materials Identification System; NFPA = National Fire Protection Association. Eye Irrit. = eye irritation. RTECS = Registry of Toxic Effects of Chemical Substances. IARC = International Agency for Research on Cancer; ACGIH = American Conference of Governmental Industrial Hygienists; NTP = National Toxicology Program; STOT = specific target organ toxicity.

Full text of H-statements referred to in Sections 2 and 3

Eye Irrit. 2A – Eye irritation, Category 2A. H319 – Causes serious eye irritation.

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