



Safety Data Sheet

Citric Acid

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Citric Acid

INCI Name: Citric Acid

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Warning

Hazard Classification: Eye Irritation Category 2 H319: Causes serious eye irritation.
Irritant R36: Irritating to eyes.

Hazard Statements: H319: Causes serious eye irritation.

Precautionary Statements: **Prevention:** P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/eye protection/face protection.
Response: 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: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Citric Acid	H319; R36	77-92-9	100%

Additional Information: For full text of H-statements and R-phrases: see SECTION 16



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Section 4: First Aid Measures

General Info: Get medical advice/attention if you feel unwell. Show this safety data sheet to the doctor in attendance.

Notable Exposure Symptoms: No information available.

If ingested: Drink plenty of water. If swallowed, DO NOT induce vomiting.

If inhaled: If breathed in, move person to fresh air. Seek medical attention if symptoms develop.

Eye contact: Remove contact lenses, if present and easy to do. Rinse with plenty of water for at least 15 minutes. Consult a physician if irritation persists.

Skin contact: Immediately flush skin with large amounts of water.

Section 5: Fire Fighting Measures

General Info: Flash Point: Not applicable. Avoid dust formations.

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: Oxides of carbon.

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation, especially in confined areas.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. No special environmental precautions required.

Containment Equipment and

Procedures: Non-hazardous, but avoid direct releases to the environment.

Cleanup Procedures: Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

Safe Handling Precautions: Keep working place well ventilated; no special precautions are needed under normal use conditions. Dust explosion class: St1.

Recommendations for Storage: Avoid temperatures above 30°C (86°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.



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Section 8: Exposure Control / Personal Protection

Control Parameters: Contains no substances with occupational exposure limit values.

General / Engineering

Controls: Ensure adequate ventilation. Avoid formation of dust.

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Protective gloves

Body Protection: Choose body protection according to the amount and concentration of the dangerous substances at the work place.

Respiratory Protection: In the case of dust or aerosol formation, use respirator with an approved filter. Half mask with a particle filter P2 (EN 143).

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Non-hazardous but avoid direct releases to the environment.

Section 9: Physical and Chemical Properties

Physical State: Powder

Appearance: Crystalline

Color: White

Odor: Odorless

Odor Threshold: Not applicable

pH: 1.8 at 5% (25 °C)

Melting Point/Range: ca. 153 °C

Freezing Point: Not determined

Boiling Point: Not applicable

Flash Point (COC): Not applicable

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not applicable

Vapor Pressure: Not determined

Explosive Limits: Not applicable

Density: 1,665 g/cm³ at 20 °C

Specific Gravity: No data available

Water Solubility: ca. 800 g/l at 20 °C

Viscosity (cP): Not determined

Explosion Properties: None

Oxidizing Properties: None

Partition coefficient: log Pow: -1.72. log Pow: -1.8 - -0.2 (calculation)

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: No decomposition if stored and applied as directed.

Chemical Stability: Stable under normal conditions of use and storage.

Possibility of Hazardous

Reactions: None known.

Conditions to Avoid: Avoid dust formation.

Incompatible Materials: Strong bases. Oxidizing agents.

Hazardous Decomposition

Products: Build-up of dangerous/toxic fumes possible in cases of fire/high temperatures.

Section 11: Toxicological Information

Acute Toxicity: Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.

Corrosion/Irritation: Species: Rabbit. Result: No skin irritation (based on testing of similar materials).
May cause skin irritation in susceptible persons. Product may be irritating to eyes.

Sensitization: Product does not cause skin sensitization.

Repeated Dose Toxicity: No data available.

Carcinogenicity: Product does not show carcinogenic or teratogenic effects.

Mutagenicity: No data available.

Toxicity for reproduction: No toxicity to reproduction.

Section 12: Ecological Information

Toxicity: LC50: 440 mg/l. Exposure time: 48 h. Species: Leuciscus idus (Golden orfe).
Static test. Method: OECD Test Guideline 203.

LC50: 1,535 mg/l. Exposure time: 24 h. Species: Daphnia magna (Water flea)
Static test.

425 mg/l. Exposure time: 168 h. Species: Scenedesmus quadricauda (Green algae) Static test.

> 10,000 mg/l. Exposure time: 16 h. Species: Psuedomonas putida (Bacteria).

Aquatic Toxicity: No data available

Persistence and Degradability: Readily biodegradable.

Bioaccumulative Potential: Bioaccumulation is not expected.

Mobility in Soil: Since the product is completely soluble in water, it is expected to be highly mobile in soil.

Results of PBT Assessment: This substance is not considered to be persistent, bioaccumulating nor toxic.

Other Adverse Effects: None known



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Section 13: Disposal Information

Product disposal: Where possible recycling is preferred to disposal or incineration. Can be landfilled or incinerated, when in compliance with local regulations. Waste codes should be assigned by the user based on the application for which the product was used.

Container disposal: Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of as unused product.

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	Not regulated	Not regulated	Not regulated	Not regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

CERCLA: Not considered hazardous.

SARA III: Not considered hazardous.

WHMIS: Class E.

TSCA: On TSCA Inventory.

EINECS: On the inventory, or in compliance with the inventory.

AICS: On the inventory, or in compliance with the inventory.

DSL: All components of this product are on the Canadian DSL list.

ENCS: On the inventory, or in compliance with the inventory.

KECI: On the inventory, or in compliance with the inventory.

PICCS: On the inventory, or in compliance with the inventory.

IECSC: On the inventory, or in compliance with the inventory.

NZIoC: On the inventory, or in compliance with the inventory.

California Prop 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



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Section 16: Other Information

Indication of Changes: Version 1.1 created October 26, 2020

HMIS Rating: Health = 1, Fire = 0, Reactivity = 0

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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