



Safety Data Sheet

Citric Acid Powder

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Citric Acid Powder

Chemical Identity: 2-hydroxypropane-1,2,3-tricarboxylic acid

1.2 Relevant Identified Product Use

Intended Use: Compound used in customer substance/mixture/product.

1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
 980 Adelaide St. S,
 London, On. N6E-1R3
 519-685-3111
 www.candorasoap.ca

1.4 Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

+1 (813) 248-0585 International

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification According to GHS

Eye Damage/Eye Irritation: Category 2

Classification Other

Carcinogenicity: This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:
 None [X] ACGIH [] IARC [] NTP [] OSHA [].

Safety Data Sheet

Citric Acid Powder

2.2 Label Elements

Labelling (GHS)

Hazard Pictograms



Signal Word: Warning.

Hazard Statements

H319 Causes serious eye irritation.

Precautionary Statements

Prevention:

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, protective clothing, eye 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.

2.3 Other Hazards

May form combustible dust concentrations in air (during processing).

3. Composition/Information on Ingredients

3.1 Mixtures

Ingredient	CAS#	Conc. Range
Citric Acid Anhydrous	77-92-9	100



Safety Data Sheet

Citric Acid Powder

4. First Aid Measures

4.1 Description of First Aid Measures

Inhalation:	Remove from exposure site to fresh air and keep at rest. Obtain medical advice if symptoms occur or persist.
Eye Exposure:	Remove contact lenses if present and easy to do so. Contact physician if symptoms occur or persist.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if symptoms persist.
Ingestion:	Drink plenty of water. Do NOT induce vomiting.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms:	Eye irritation may cause mild and mechanical irritation.
Risks:	Causes serious eye irritation.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment:	Treat symptomatically.
-------------------	------------------------

5. Firefighting Measures

5.1 Extinguishing Media

Suitable:	Water Spray, Dry Powder, Foam, Carbon Dioxide (CO ₂). Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes.
Unsuitable:	No data available.

5.2 Special Hazards Arising from the Substance or Mixture

During Firefighting:	Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health.
-----------------------------	---

5.3 Advice for Firefighters



Safety Data Sheet

Citric Acid Powder

Further Information: Wear self-contained breathing apparatus for firefighting if necessary. Wear fire resistant or flame-retardant clothing.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation and breathing dust. Ensure adequate ventilation, especially in confined areas. Refer to protective measures listed in sections 7 and 8.

6.2 Environmental Precautions

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

6.3 Methods and Materials for Containment and Cleaning Up

Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

6.4 Reference to Other Sections

Not applicable.

7. Handling and Storage

7.1 Precautions for Safe Handling

Avoid creating dust. Do not breathe dust. Avoid contact with skin and eyes. For personal protection see section 8.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in a cool, dry, and ventilated area away from heat sources. Incompatible with strong bases and oxidizing agents. Do not store at temperatures above 30°C. Take measures to prevent the buildup of electrostatic charge. Keep in an area equipped with acid resistant flooring. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific End Uses



Safety Data Sheet

Citric Acid Powder

No decomposition if stored and applied as directed.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits: Contains no substances with occupational exposure limit values.
Engineering Controls: Provide adequate ventilation.

8.2 Exposure Controls – Personal Protective Equipment

Eye Protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc., as may be appropriate for the exposure.

Respiratory Protection: In the case of dust or aerosol formation, use respirator with an approved filter. Use NIOSH approved respiratory protection.

Skin Protection: Use chemically resistant gloves as needed.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Crystalline White
Odour: Odourless.
Viscosity: No data available.
Freezing Point: Not determined.
Boiling Point: Not determined.
Melting Point/Range: 153°C
Flashpoint: No data available.
Auto-flammability: Not determined.
Explosive Properties: None expected.
Oxidizing Properties: None expected.
Vapour Pressure: No data available.
Density: 1.665 g/cm³
Molecular Weight: 192.12 g/mol



Safety Data Sheet

Citric Acid Powder

Solubility:

No data available.

pH:

1.8, 5% (25°C)

10. Stability and Reactivity

10.1 Reactivity:	None.
10.2 Chemical Stability:	Stable under normal conditions.
10.3 Possibility of Hazardous Reactions:	None known.
10.4 Conditions to Avoid:	Avoid dust formation.
10.5 Incompatible Materials:	Strong oxidizing agents, strong bases.
10.6 Hazardous Decomposition Products:	Buildup of dangerous/toxic fumes possible in cases of fire/high temperatures.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity – Oral:	Not classified – the classification criteria are not met.
Acute Toxicity – Dermal:	Not classified – the classification criteria are not met.
Acute Toxicity – Inhalation:	Not classified – the classification criteria are not met.
Skin Corrosion/Irritation:	May cause skin irritation.
Serious Eye Damage/Irritation:	Causes eye irritation.
Respiratory Sensitization:	Not classified – the classification criteria are not met.
Skin Sensitization:	Not classified – the classification criteria are not met.
Germ Cell Mutagenicity:	Not classified – the classification criteria are not met.
Carcinogenicity:	Not classified – the classification criteria are not met.
Reproductive Toxicity:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Single Exposure:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Repeated Exposure:	Not classified – the classification criteria are not met.
Aspiration Hazard:	Not classified – the classification criteria are not met.

12. Ecological Information

12.1 Toxicity

Acute Aquatic Toxicity:	No data available.
--------------------------------	--------------------



Safety Data Sheet

Citric Acid Powder

Chronic Aquatic Toxicity:	No data available.
Toxicity Data on Soil:	No data available.
Toxicity on Other Organisms:	No data available.

12.2 Persistence and Degradability:	Readily biodegradable.
12.3 Bioaccumulative Potential:	Not expected.
12.4 Mobility in Soil:	No data available.
12.5 Other Adverse Effects:	No data available.

13. Disposal Conditions

13.1 Waste Treatment Methods

Dispose of in accordance with all local, federal or provincial, and national regulations. Empty containers should be taken to an approved waster handling site for recycling or disposal. Dispose of as unused product.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI				
	Not regulated – Not dangerous goods.			
ADR/RID (International Road/Rail) Chemicals NOI				
	Not regulated – Not dangerous goods.			
IATA (Air Cargo) Chemicals NOI				
	Not regulated – Not dangerous goods.			
IMDG (Sea) Chemicals NOI				
	Not regulated – Not dangerous goods.			

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act):	All components of the substance/mixture are listed or exempt.
40 CER (EPCRA, SARA, CERCLA and CAA):	This product contains NO components of concern.

U.S. State Regulations:



Safety Data Sheet

Citric Acid Powder

California Proposition 65 Warning: This product contains NO components of concern.

Canadian Regulations:

DSL/NDSL 100% of the components are listed or exempt.

16. Other Information

Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Candora Soap Inc. is limited to the value of the goods and does not include any consequential loss. Candora Soap Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Candora Soap Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that jurisdiction is limited to the province of Ontario.