

## Safety Data Sheet Citric Acid

### SECTION 1: Identification

#### 1.1 Product identifier

Product name	Citric Acid
Product number	chem-20
Brand	Bulk Apothecary
Substance name	Citric acid
EC no.	201-069-1
CAS no.	77-92-9

#### 1.3 Recommended use of the chemical and restrictions on use

Cosmetics

#### 1.4 Supplier's details

Name	Bulk Apothecary
Address	115 Lena Dr Aurora OH 44202 United States
email	sales@bulkapothecary.com

#### 1.5 Emergency phone number(s)

Domestic: 1-800-633-8253 International: 801-629-0667

### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

**GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)**

- Eye damage/irritation, Cat. 2A

#### 2.2 GHS label elements, including precautionary statements

**Pictogram**



# Safety Data Sheet

## Citric Acid

### Signal word

### Warning

### Hazard statement(s)

H319

Causes serious eye irritation

### Precautionary statement(s)

P264

P280

P305+P351+P338

P337+P313

Wash ... thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Substance name

Citric acid

EC no.

201-069-1

CAS no.

77-92-9

Formula

C<sub>6</sub>H<sub>8</sub>O<sub>5</sub>

Molecular weight

192.14

Other names / synonyms

1,2,3-Propanetricarboxylic acid, 2-hydroxy-; Acidum citricum; Citric acid; Citric acid; 2-Hydroxy-1,2,3-propanetricarboxylic acid; Citric acid

### Hazardous components

#### 1. Citric acid

Concentration

100 % (weight)

EC no.

201-069-1

CAS no.

77-92-9

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice

Never give anything by mouth to an unconscious person. If you feel Unwell, seek medical advice. Show the label or this safety data sheet when possible

If inhaled

If breathed in, move person into fresh air and allow to rest. If not breathing, give artificial respiration.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with mild soap and water, followed by a warm water rinse. Consult a physician if needed.

In case of eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.

If swallowed

Rinse Moutn. DO NOT induce vomiting. Obtain emergency medical attention.

Personal protective equipment for first-aid responders

None

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### 4.2 Most important symptoms/effects, acute and delayed

Inhalation : May cause respiratory irritation  
Skin Contact : Slight irritation  
Eye Contact : Serious eye irritation  
Ingestion : Nausea  
Chronic Symptoms : Affection/discoloration of the teeth.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

None

## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Foam, Dry powder, Carbon dioxide. Water spray, Sand.

### 5.2 Specific hazards arising from the chemical

Not flammable. Not an explosion hazard. No reactivity.

### 5.3 Special protective actions for fire-fighters

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering environment. Wear proper protective gear and self-contained breathing apparatus for firefighting if necessary.

#### Further information

Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Non emergency personnel should evacuate the area. Emergency personnel and clean up crew should be equipped with proper protective gear. Ventilate the area.

### 6.2 Environmental precautions

Prevent entry to sewers and public waterways. Notify authorities should liquid enter sewers or public water sources.

### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal. Minimize generation of dust. Store away from other materials.

#### Reference to other sections

For exposure controls and personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in original container a well ventilated place. Keep container tightly closed when not in use. Store away from incompatible materials.

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### SECTION 8: Exposure controls/personal protection

#### 8.2 Appropriate engineering controls

Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Pictograms



##### Eye/face protection

Wear chemical goggles or safety glasses.

##### Skin protection

Wear protective gloves.

##### Body protection

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

##### Respiratory protection

Respiratory protection is not required in normal conditions.

##### Thermal hazards

No data available

##### Environmental exposure controls

Do not let product enter sweres or public water sources

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Crystalline
Odor	odorless
Odor threshold	No data available
pH	1.7 10% Solution
Melting point/freezing point	ca. 153C°
Initial boiling point and boiling range	175C°
Flash point	No data available
Evaporation rate	
Flammability (solid, gas)	Does not ignite
Upper/lower flammability limits	Non Flammable
Upper/lower explosive limits	Non Explosive
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.665 g/cm 20C°
Solubility(ies)	Soluble in water ca. 800 g/l at 20C°. Soluble in ethanol. Soluble in ether.

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## Citric Acid

Partition coefficient: n-octanol/water  
Auto-ignition temperature  
Decomposition temperature  
Viscosity  
Explosive properties  
Oxidizing properties

log Pow: -1.72. log Pow: -1.80 - -0.2  
No data available  
175C°  
No data available  
No data available  
None

### Other safety information

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

None if stored and applied as directed

### 10.2 Chemical stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

Not established

### 10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Avoid dust formation

### 10.5 Incompatible materials

Oxidizing agents, Strong Bases, Strong Acids

### 10.6 Hazardous decomposition products

May produce fumes, carbon monoxide, and carbon dioxide.

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Skin corrosion/irritation

May cause slight skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled

#### Germ cell mutagenicity

No mutagenic effects.

#### Carcinogenicity

No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, NTP, ACGIH, or OSHA.

#### Reproductive toxicity

No toxicity to reproduction.

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### SECTION 12: Ecological information

#### Toxicity

No data available on product

#### Persistence and degradability

No data available on product

#### Bioaccumulative potential

No data available on product

#### Mobility in soil

No data available on product

#### Results of PBT and vPvB assessment

No data available on product

#### Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

### SECTION 13: Disposal considerations

#### Disposal of the product

Dispose of contents/ container in accordance with the local/regional/national/international regulations. facilities exist. Where possible, recycling is preferred.

#### Disposal of contaminated packaging

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

#### Waste treatment

Waste packaging should be recycled or reused whenever possible. If recycling is not feasible, contaminated packaging should be disposed of in accordance with all local, state, and federal regulations. Regulations vary by region.

### SECTION 14: Transport information

#### DOT (US)

Not dangerous goods

#### IMDG

Not dangerous goods

#### IATA

Not dangerous goods

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### SARA 311/312 Hazards

No SARA hazards.

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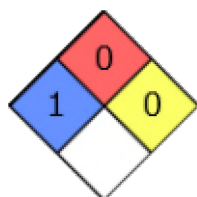
### California Prop. 65 Components

This product does not contain any substances known to the state of California to cause cancer.

### HMIS Rating

Citric acid	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

### NFPA Rating



## SECTION 16: Other information

SDS Version: 1.0

Revision Date: 10/05/20158

### 16.1 Further information/disclaimer

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