

## Material Safety Data Sheet

### SECTION 1: Product and Supplier Identification

**Product Identifier:** Citric Acid 50% Solution

**INCI Name:** Citric Acid Solution

**Origin:** Canada

**Supplier:** Botanic Planet Canada Inc.

**Address:** 2 Bram Court Unit # 3 Brampton Ontario L6W 3R6 Canada

**Phone:** 905-455-4444

**Email:** info@botanicplanet.ca

**Emergency Contact:** (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### SECTION 2: HAZARD(S) IDENTIFICATION

#### GHS Classification

Eye Irritation – Category 2A

**Signal Word**

**Warning**

#### Hazard Statements

Causes serious eye irritation.

#### Precautionary Statements

Wash hands thoroughly after handling.

Wear eye protection and protective gloves.

Avoid contact with eyes.

### Section 3: Composition / Information on Ingredients

Component	CAS Number	Concentration
Citric Acid	77-92-9	50%
Water	7732-18-5	50%

### Section 4: First Aid Measures

**Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

#### **Skin Contact**

Wash thoroughly with soap and water. Seek medical attention if irritation develops.

#### **Inhalation**

Move to fresh air. Seek medical attention if symptoms occur.

#### **Ingestion**

Rinse mouth with water. Drink plenty of water. Seek medical advice if discomfort persists.

### **Section 5: Fire-Fighting Measures**

#### Suitable Extinguishing Media

Water spray

Dry chemical

Carbon dioxide (CO<sub>2</sub>)

Foam

#### Special Hazards

Product is not considered flammable. Thermal decomposition may produce carbon oxides.

### **Section 6: Accidental Release Measures**

#### Personal Precautions

Avoid contact with eyes.

Wear appropriate protective equipment.

#### Environmental Precautions

Prevent large quantities from entering waterways or drains.

#### Cleanup Methods

Absorb with inert material and place into suitable containers for disposal. Wash spill area with water.

### **Section 7: Handling and Storage**

#### Handling

Avoid contact with eyes.

Use appropriate hygiene practices.

#### Storage

Store in a tightly closed container.

Keep in a cool, dry, well-ventilated area.

Protect from freezing and excessive heat.

## **Section 8: Exposure Controls / Personal Protection**

### Personal Protective Equipment

#### Eye Protection

Safety glasses or chemical splash goggles.

#### Hand Protection

Chemical-resistant gloves.

#### Skin Protection

Appropriate protective clothing.

#### Respiratory Protection

Not normally required under normal conditions of use.

## **Section 9: Physical and Chemical Properties**

Appearance: Clear, colorless liquid

Odor: Mild acidic odor

Ph: 1.5 – 2.5

Boiling Point Approximately 100°C

Specific Gravity @ 20°C: 1.20 – 1.25

Solubility: Completely soluble in water

Flash Point: Not applicable

Flammability: non-flammable

## **Section 10: Stability and Reactivity**

### Stability

Stable under recommended storage conditions.

### Conditions to Avoid

Extreme heat

Freezing temperatures

Incompatible Materials

Strong oxidizing agents

Strong alkalis

Hazardous Decomposition Products

Carbon monoxide

Carbon dioxide

## **Section 11: Toxicological Information**

## Likely Routes of Exposure

Eye contact

Skin contact

Ingestion

Symptoms

Eye irritation

Mild skin irritation after prolonged exposure

Gastrointestinal discomfort if ingested in large quantities

Acute Toxicity

Not classified as acutely toxic.

## Section 12: Ecological Information

Ecotoxicity

Not expected to be harmful to aquatic life in normal use.

Persistence and Degradability

Readily biodegradable.

Bio accumulative Potential

Not expected to bioaccumulate.

## Section 13: Disposal Considerations

Dispose of contents and containers in accordance with local, regional, and national regulations.

## Section 14: Transport Information

UN Number

Not regulated for transport.

Proper Shipping Name

Not regulated.

Hazard Class

Not regulated.

Packing Group

Not applicable.

## Section 15: Regulatory Information

This product should be handled in accordance with applicable workplace safety and environmental regulations.

**SECTION 16: OTHER INFORMATION**

NONE



This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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