



## Material Safety Data Sheet

### SECTION 1: IDENTIFICATION

#### 1.1. Identification

Product Form	White Crystals
Product Name	<b>Citric Acid Anhydrous Technical Grade</b>
HS Code	291814000

#### 1.2. Supplier

##### Geocon Products

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### SECTION 2: Hazard(s) identification

Hazard statements: Causes eye irritation.

Precautionary statements: Wash hands thoroughly after handling  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Pure substance  
Substance name: Citric Acid Anhydrous  
CAS-No.: 77-92-9  
Chemical nature: Crystalline Powder

### SECTION 4. FIRST AID MEASURES

General advice: Avoid inhalation, ingestion and contact with skin and eyes.

**If inhaled:** If breathed in, move person into fresh air.

If symptoms persist, call a physician.

If not breathing, give artificial respiration.

**In case of skin contact:** In case of contact, immediately flush skin with plenty of water.

Get medical attention if symptoms occur.

**In case of eye contact:** If easy to do, remove contact lens, if worn. Rinse immediately with for at least 15 minutes. If eye irritation persists, consult a specialist.

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



## **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media: Water spray  
Dry powder  
Foam  
Carbon dioxide (CO<sub>2</sub>)

Specific extinguishing methods: Standard procedure for chemical fires.

Further information: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions, protective equipment:**

Avoid dust formation.

Dust deposits should not be allowed to accumulate on surface. Avoid breathing dust.

Ensure adequate ventilation, especially in confined areas.

Wear personal protective equipment. Avoid contact with skin and eyes.

### **Environmental precautions:**

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

## **SECTION 7. HANDLING AND STORAGE**

Keep in an area equipped with acid resistant flooring.

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

Minimize dust generation and accumulation.

Take measures to prevent the build up of electrostatic charge.

Incompatible with strong bases and oxidizing agents.

## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Engineering Measures:**

Provide adequate ventilation.

Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

### **Respiratory protection:**

In the case of dust or aerosol formation use respirator with an approved filter.

Use NIOSH approved respiratory protection.



**Eye protection:**

Safety glasses. Ensure that eyewash stations and safety showers are close to the workstation location.

**Skin and body protection:**

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**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.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: crystalline powder  
Colour: White  
Odour: Odorless  
pH: 3.1  
Melting point/range: ca.307 °F  
Boiling point: Not applicable  
Flash point: Not applicable  
Evaporation rate: Not applicable  
Flammability: does not ignite  
Upper explosion limit: No data available  
Lower explosion limit: No data available  
Vapour pressure: Not applicable  
Relative density: No data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity: No decomposition if stored and applied as directed.  
Chemical stability: Stable under normal conditions.  
Hazardous reactions: No dangerous reaction known under conditions of normal use.  
Conditions to avoid: Avoid dust formation.  
Incompatible materials: Strong bases, Oxidizing agents

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Experience with human exposure**

**Product:**

Inhalation: Target Organs: Respiratory system  
Symptoms: No information available.  
Skin contact: Target Organs: Skin



Eye contact: Symptoms: May cause skin irritation in susceptible persons.  
Target Organs: Eyes  
Ingestion: Symptoms: Redness, Itching  
Target Organs: Digestive organs  
Symptoms: No information available.

## **SECTION 12. ECOLOGICAL INFORMATION**

No data available

## **SECTION 13. DISPOSAL CONSIDERATIONS**

### Waste from residues:

Where possible recycling is preferred to disposal or incineration. Can be landfilled or incinerated, when in compliance with local regulations.

### Contaminated packaging:

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

## **SECTION 14. TRANSPORT INFORMATION**

### International Regulations:

IATA-DGR: Not regulated as a dangerous good.  
IMDG-Code: Not regulated as a dangerous good.  
DOT: Not regulated as a hazardous material

## **SECTION 15. REGULATORY INFORMATION**

This product does not contain any chemicals known to cause cancer, birth defects, or any other reproductive harm. This material does not contain any chemical components with known CAS numbers that exceed the threshold.



## **SECTION 16. OTHER INFORMATION**

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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