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FOR CHEMICAL EMERGENCY
Involving Shipping and Handling Spills, Leak, Fire, Exposure or Accident
Call CHEMTREC 1-800-424-9300

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200

Section 1 - Product Identification

Product Name: Citric Acid, all sizes

Product ID: 0203X

Section 2 - Composition/Information on Ingredients

CHEMICAL NAME (COMMON NAME)	CAS NO.
Citric Acid Anhydrous (2-hydroxypropane-1,2,3-tricarboxylic acid anhydrous)	77-92-9

Section 3 - Hazards Identification

MOST IMPORTANT HAZARDS: Irritating to eyes. May cause skin irritation and respiratory tract irritation.

Section 4 - First Aid Measures

GENERAL ADVICE: Consult a physician.

MAJOR EFFECTS OF EXPOSURE: Irritating to eyes. May cause skin irritation in susceptible persons.

INHALATION: Move to fresh air.

SKIN CONTACT: Wash off immediately with soap and plenty of water. If skin irritation persists, seek medical attention.

EYE CONTACT: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.

INGESTION: Drink plenty of water. Do not induce vomiting. Seek medical attention.

Section 5 - Fire Fighting Measures

FLASHPOINT: Not Available

LOWER FLAMMABLE LIMITS: 8% at 65°C / 149° F

UPPER FLAMMABLE LIMITS: Not available

AUTO-IGNITION TEMPERATURE: 345° C / 653° F

SUITABLE EXTINGUISHING MEDIA: Water, Water Spray, Dry Powder, Foam, Carbon Dioxide (CO₂).

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Use personal protective equipment.

SPECIFIC METHODS: Standard procedure for chemical fires.

Section 6 - Accidental Release Measures

PERSONAL PRECAUTIONS: Use personal protective equipment. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS: No special environmental precautions required.

METHODS FOR CLEANING UP: Sweep up and shovel. After cleaning, flush away traces with water.

Section 7 - Handling and Storage

HANDLING: Avoid dust formation. Take precautionary measures against static discharges. Use personal protective equipment.

STORAGE: Keep tightly closed in a dry and cool place.

Section 8 - Exposure Controls and Personal Protection

ENGINEERING MEASURES TO REDUCE EXPOSURE: Ensure adequate ventilation, especially in confined areas.

EXPOSURE LIMIT(S): No special precautions required.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Effective Dust Mask

HAND PROTECTION: Gloves

EYE PROTECTION: Safety Glasses

SKIN AND BODY PROTECTION: Lightweight protective clothing

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice.

