



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CITRIC ACID
CR20

SECTION 1: PRODUCT INFORMATION

Distributed By: Bridgepoint Systems, 4282 S 590 W, Salt Lake City, Utah 84123
Company Phone Number: 801-261-1282
Emergency Phone Number: 1-800-535-5053 (Infotrac)
Date Prepared: 4/1/08 c

Hazard Rating (Zero=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)
Fire: 0 Health: 1 Reactivity: 1

SECTION 2: INGREDIENTS

<u>PRINCIPLE HAZARDOUS INGREDIENTS :</u>	<u>TLV</u>	<u>%</u>
2-Hydroxy-1,2,3 Propanetricarboxylic Acid (CAS# 77-92-9)	10mg/m3	100

SECTION 3: PHYSICAL DATA

Boiling Point (°F).....N/A	Specific Gravity(H ₂ O=1).....N/D
Vapor Pressure (mmHg.).....N/A	Percent Volatile by Volume... N/A
Vapor Density (AIR=1).....N/A	PH (1% Solution).....2.2
Solubility in Water.....>50% (by weight)	

Appearance & Odor.....White crystals, no odor

SECTION 4: FIRE, EXPLOSION & REACTIVITY DATA

Flash Point: Not flammable

Extinguishing Media: Water

Special Fire Fighting Procedures: Use NIOSH/MSHA approved self-contained positive pressure breathing apparatus and protective clothing where this material is involved in a fire.

Unusual Fire and Explosion Hazards: None

Stability: Stable

Chemical Incompatibility: Alkalis

Hazardous Decomposition or Byproducts: In case of fire, CO,CO₂ and other potentially toxic fumes.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None

PRODUCT NAME.....CITRIC ACID CR20 page 2

SECTION 5: HEALTH HAZARD INFORMATION

Route(s) of entry Eyes? yes Skin? yes Inhalation? yes Ingestion? no
Health Hazards: Eyes - Will be irritating.
 Skin - Will be irritating.
 Inhalation - May cause irritation.
 Ingestion - None
Carcinogenicity: NTP? no OSHA? no IARC Monograph? no

SECTION 6: EMERGENCY AND FIRST AID PROCEDURES

Eyes..... Flush with water for 15 minutes. Get medical attention.
Skin..... Flush with water for 15 minutes. Get medical attention if irritation occurs.
Inhalation.. Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get medical attention.
Ingestion... If irritation occurs get medical attention.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Respiratory Protection... Not usually needed.
Protective Clothing..... Rubber gloves, Safety glasses and clothing that will minimize skin contact.
Ventilation..... Normal room ventilation is usually sufficient.
Storage..... Store in dry place away from excessive heat, in original container. Reseal container after use.

SECTION 8: SPILL OR LEAK PROCEDURES AND WASTE DISPOSAL

Sweep up for reuse when possible. Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

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N/A = Not applicable N/D = Not determined N/E = Not established