

MATERIAL SAFETY DATA SHEET

Paragon Specialty Products, LLC
411 Ranch Road
Rainsville, AL 35986

For Emergency Assistance involving chemicals call: ChemTrec 1-800-424-9300

MSDS Number: P21822VS MSDS Version: 004

004 11/04/06

CITRIC ACID**SECTION 1. PRODUCT IDENTIFICATION**

PRODUCT NAME: CITRIC ACID
MSDS#: P21822VS
DATE ISSUED: 7/23/02
SUPEREDES: NEW
ISSUED BY: 008074

Emergency Telephone Number ChemTrec 1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

Hazardous Components (Chemical Ides; Common Name)
Citric Acid, 2-Hydroxy-1, 2, 3-propanetricarboxylic acid
CAS No. 5949-29-1 C6H807.H 20

OSHA PEL ACGIH TLV
N/A N/A
orl rat LD50 5000
mg/24 hr moderate eye
750 mg/24 hr severe

Note: CAS No. 5949-29-1 is for Citric Acid hydrated
CAS No. 77-92-9 is for Citric Acid Anhydrous

California Proposition 65: This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

SECTION III. PHYSICAL AND CHEMICAL PROPERTIES

2008-08-06

Revised Date: 01.05.2009

Boiling Point	Specific Gravity (H2O = 1)
Not applicable- solid	1.665
Vapor Pressure (mm hg)	Melting Point
Not applicable – solid	153 C
Vapor Density (Air = 1)	Evaporation Rate (Butyl Acetate = 1)
Not applicable	< 1
Solubility in water	Appearance and Odor
Greater than 507;	White odorless powder and/or granules

Section IV – Fire and Explosion Hazard Data

Flash Point Method Used)	flammable Limits LEL UEL
Ignition temp. 1000 – 1020 C	Min. 8 g/cuft NA NA
	Opt. 65 g/cuft

Extinguishing Media
Water, carbon dioxide, foam, powder extinguisher.

Special Fire Fighting Procedures
Fire fighters wear protective clothing and NIOSH approved respirator.

Unusual Fire and Explosion Hazards
None – At optimum air concentration Bureau of Mines Relative: Explosive rating = WEAK
This MSDS is based upon a limited review of ADM files and standard Toxicological handbooks.

SECTION V. STABILITY AND REACTIVITY DATA

Stability Stable	Conditions to Avoid
Stable under normal conditions.	None Known
Incompatibility (Materials to Avoid)	
Metal nitrates and strong oxidizers	
Hazardous Decomposition or Byproducts	
None known	
Hazardous polymerization	Conditions to Avoid
Will not occur	None known

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Section VI – Health Hazard Data

.Routes of Entry: ion Ingestion
Skin contact, Ingestion, Inhalation of mist.
health Hazards (Acute and Chronic)
Prolonged contact with the product may cause irritation.
Carcinogenicity NTP? IARC Monographs? OSHA Regulated?
No No No No

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Signs and Symptoms of Exposure

May be slight eye irritant, long term exposure to skin could be a mild irritant.

Medical Conditions Generally Aggravated by Exposure

No information available.

Emergency and First Aid Procedures

Eyes-immediately flush with plenty of water for 15 minutes. Call a physician.

Skin-wash area with water, remove contaminated clothing and launder before reuse.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case of Material is Released or Spilled

Recover by vacuum or broom and shovels. Flush area with water to remove final traces.

Waste Disposal Method

Conform to applicable federal, state and local regulations.

Landfill or neutralize and flush to drain. Material is biodegradable in waste treatment facility.

Store in a dry area.

Other Precautions

Aqueous solutions of Citric Acid can, if in contact with reactive metal (iron, zinc, aluminum) form hydrogen which may form explosive mixtures.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

NIOSH approved chemical respirator with dust and mist filter while handling crystalline material and concentrate solutions.

Ventilation Local

Local exhaust sufficient to control dust.

Protective Gloves Eye Protection

Standard work gloves Safety Glasses

Other Protective Clothing or Equipment

None

For Additional Information:

IVESCO, LLC. 1-800-643-3064

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**END OF MSDS
CITRIC ACID**

**For Additional Information:
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