

# MATERIAL SAFETY DATA SHEET

Citric Acid Monohydrate

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Citric Acid Monohydrate  
Product Code: C5506  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 5/30/2013  
Print Date: 5/30/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	1
Flammability:	1
Reactivity:	0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4 NA=Not Applicable NE=Not Established	

## SECTION 2 HAZARD IDENTIFICATION

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Citric Acid Monohydrate	CAS# 5949-29-1	100%	W/W	OSHA PEL 5 mg/mf (respirable dust) (as anhyd.)

## SECTION 4 FIRST AID MEASURES

Harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

## SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Water spray, dry chemical, carbon dioxide, alcohol foam  
Fire / Explosion Hazards: None Known.  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

**SECTION 7 HANDLING AND STORAGE**

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NIOSH approved dust mask  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl  
Eye Protection: Safety Glasses w/  
Side Shields  
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	212 Deg F	Percent Volatile by Volume:	0
Boiling Point:	Decomposes	Evaporation Rate	0
Vapor Pressure:	NA	Evaporation Standard	
Vapor Density:	NA	Auto Ignition Temp	info not available
Solubility in Water:	65%	Lower Flamm. Limit in Air	info not available
Appearance /Odors:	White granules	Upper Flamm. Limit in Air	info not available
Flash Point:	Not applicable		
Specific Gravity:	1.542		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable  
Conditions to Avoid: Material can react violently with strong oxidizing agents, metals, strong bases, amines.  
Materials to Avoid: Alkalies and alkali carbonates, oxidizing agents  
Hazardous Decomposition Products: Carbon Oxides  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

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DOT Classification: Not Regulated

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

**SECTION 16 Additional Information**

Acute: Irritation possible to skin, eyes, lungs, and mucous membranes.  
Chronic: None known. Conditions aggravated/target organs. Persons with pre-existing conditions may be more susceptible.

Flammability

Health

Reactivity

Revisions

NFPA

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