

MATERIAL SAFETY DATA SHEET

Oxalic Acid Solution

SECTION 1 . Product and Company Identification

Product Name and Synonym: Oxalic Acid Solution
Product Code: 6577
Material Uses:
Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020
Entry Date : 6/12/2013
Print Date: 6/12/2013
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

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

SECTION 2 HAZARD IDENTIFICATION

Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. 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"/>	Oxalic Acid	CAS# 6153-56-6	7.5%	W/V	ACGIH TLV: 1 mg/mf (as anhydrous acid)
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

SECTION 4 FIRST AID MEASURES

Causes severe irritation and burns. Harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

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: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Carbon Dioxide, dry chemical powder or appropriate foam
Fire / Explosion Hazards: None Known.

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Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law.

SECTION 7 HANDLING AND STORAGE

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	information not available	Percent Volatile by Volume:	~92.5%
Boiling Point:	information not available	Evaporation Rate	N/E
Vapor Pressure:	N/A	Evaporation Standard	
Vapor Density:	N/A	Auto Ignition Temp	N/A
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	N/A
Appearance /Odors:	Clear odorless liquid	Upper Flamm. Limit in Air	N/A
Flash Point:	information not available		
Specific Gravity:	information not available		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with incompatible materials.

Materials to Avoid: Alkalies, silver, chlorites, hypochlorites water reactive material and oxidizers

Hazardous Decomposition Products: Toxic fumes of: Carbon Monoxide, Carbon Dioxide

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

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SECTION 11 Toxicological Information

SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: UN3265, Corrosive Liquid, Acidic, Organic, n.o.s. (Oxalic Acid), 8, PG III

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

Toxic! Corrosive! Harmful or fatal if swallowed, inhaled or absorbed through skin. Conditions aggravated: Persons with preexisting skin, eye or respiratory disorders may be more susceptible. Acute: Burning sensation, coughing, laryngitis, headache, nausea, vomiting, irritation or burns to skin, eyes, digestive tract or respiratory tract. Chronic: Dermatitis, damage to eyes, respiratory tract or digestive tract. Target organs: Kidneys, nervous system.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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