

MATERIAL SAFETY DATA SHEET

5100 W. Henrietta Rd.
West Henrietta, NY 14586
TEL: (866) 260-0501MSDS No. 9430904
Effective Date: November 11, 2002

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Sodium Citrate	416-984-3000		Health	0
Chemical Synonyms	Trisodium Citrate			Flammability	0
Formula	Na ₃ C ₆ H ₅ O ₇ ·2H ₂ O			Reactivity	0
CAS No.	6132-04-3			WHMIS	
				LEAST SLIGHT MODERATE HIGH EXTREME	
				0 1 2 3 4	

SECTION II DANGEROUS INGREDIENTS

Name	%	TLV Units
Sodium citrate, dihydrate	100%	N/A
CAUTION!		

SECTION III PHYSICAL DATA

Melting Point (°C)	Loses H ₂ O @ 150°C	Specific Gravity (H ₂ O = 1)	1.8
Boiling Point (°C)	Decomposes.	Percent Volatile by Volume (%)	Negligible.
Vapor Pressure (mm Hg)	Negligible.	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	Not applicable.		
Solubility in Water	72% @ 25°C.		
Appearance & Odor	White crystalline powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point	Combustible.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Firefighting Procedures	Use dry chemical, CO ₂ , alcohol foam, or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.				

Flammability and Explosion Hazards

Dust dispersed in air becomes explosive when exposed to ignition source. Fire or excessive heat may produce hazardous decomposition products to be produced as dust or fume.

TDG Not a TDG controlled material.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Printed on recycled paper.

SECTION V REACTIVITY DATA SS0480

Chemical Stability	Yes	X	If no, under what conditions?
	No		
Incompatible with Other products	Yes	X	Strong oxidizers.
	No		

Hazardous Decomposition Products	Carbon and sodium oxides.
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Reactive under what conditions	Excessive temperature, heat and direct sunlight.
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SECTION VI TOXICOLOGICAL PROPERTIES

Route of Entry	Inhalation. Ingestion.
TLV	Not available.
Toxicity for animals	Not available.
Chronic effects on humans	There are no known effects from chronic exposure to this product. Target organs: None known.
Acute effects on humans	May be harmful if inhaled or swallowed. Contact may cause irritation to the skin and eyes.

SECTION VII PREVENTIVE MEASURES

Waste Disposal	Discharge, treatment, or disposal may be subject to local laws. Consult your local or regional authorities.
Storage	Keep container in a cool, well ventilated place. Keep away from heat. Keep away from incompatible materials. Keep away from sources of ignition and open flames.
Precautions	Avoid contact with skin and eyes. Do not breathe dust. Use with adequate ventilation. Do not ingest. If ingested, seek immediate medical attention.
Spill or leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Wash spill area with soap and water.
Protective Clothing	Gloves, safety glasses, lab coat, dust respirator.

SECTION VIII FIRST AID MEASURES

Specific first aid measures	Ingestion: Call physician or Poison Control Center immediately. Induce vomiting only if advised by the appropriate medical personnel. Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention. Skin contact: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Allow victim to rest in a well ventilated area. Seek immediate medical attention.
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SECTION IX PREPARATION OF THE MSDS

Rev. No.	2	Date	November 11, 2002	Approved	Michael Raszeja
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