



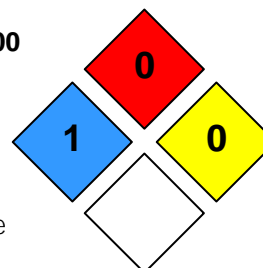
Colonial Chemical Solutions, Inc.

Material Safety Data Sheet – Sodium Citrate

SECTION I - PRODUCT IDENTIFICATION

Manufacturers Address:
916 West Lathrop Avenue
Savannah, Georgia 31415

CHEMTREC – 24HR Emergency Telephone 1-800-424-9300
Information Phone: (912) 443-6702
Date Prepared: 24 Sept 08
Preparer: F.Spaeth



Synonym: Citric Acid
Chemical Family: Organic Solid

NFPA Rating
0- Minimal 1- Slight 2- Moderate
3- Serious 4- Extreme

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS Number	%WT	TLV	PEL
Sodium Citrate	68-04-2	90-100	Not Established	

SECTION III - HAZARDOUS IDENTIFICATION

Potential Acute Health Effects: None known.
Potential Chronic Health Effects: None known.

SECTION IV - PHYSICAL and CHEMICAL PROPERTIES

Boiling Point Range: Decomposes.
pH: ~8.0
Solubility In Water: Very soluble.
Appearance/Odor: White granular solid with no odor.
Melting Point/Freezing Point: 302 °F

Vapor Density (Air=1): N/A
Vapor Pressure (mmHg): N/A
VOC %: 0
Density: 1.7

SECTION V - FIRE FIGHTING MEASURES

Flash Point: Not considered a fire hazard.
Auto Ignition: Not applicable.
Extinguishing Media: Use measures suitable for extinguishing surrounding fire.
Flammable Limits: Lower: N/A Upper: N/A
Fire Fighting Procedures: Do not fight surrounding fire without a positive pressure self-contained breathing apparatus (SCBA) and full bunker firefighter's protective clothing.
Unusual Fire and Explosion Hazards: Dust dispersed in air in sufficient concentrations, and the presence of an ignition source is a potential dust explosion hazard.

SECTION VI - STABILITY AND REACTIVITY

Stability: Stable.
Conditions to Avoid: Moisture, heat, flames, dust accumulation and ignition sources.
Incompatibility: Avoid contact with strong oxidizers.
Hazardous Decomposition Products: Oxides of carbon.
Hazardous Polymerization: Will not occur.



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SECTION VII - STORAGE AND HANDLING

Precautions To Be Taken In Handling and Storage: Always store in tightly sealed, properly labeled, original container. Store in a cool, dry well ventilated area. Avoid dust accumulation. Observe all warnings and precautions listed on the label for this product.

SECTION VIII - HEALTH AND FIRST AID

Skin: Possible irritation of the skin on prolonged contact.

Eyes: Dust may cause mechanical irritation.

Inhalation: Inhalation of large amounts of dust may cause irritation to the respiratory tract.

Ingestion: Extremely large oral dosages may produce gastrointestinal distress

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes. Seek medical attention as necessary.

Skin: Flush excess material off. Wash skin with soap and water. If irritation persists seek medical attention.

Inhalation: For excessive inhalation remove to fresh air. If breathing is difficult seek medical attention.

Ingestion: Have patient drink several glasses of water. Get medical attention if large doses were consumed.

SECTION IX - EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Goggles, safety glasses with side shields are recommended.

Respiratory Protection: Where adequate ventilation is not available an approved respirator (NIOSH type N95) must be worn.

Skin Protection: Wear chemically impervious clothing and gloves.

Ventilation: General Mechanical ventilation to prevent dust accumulation and exposure below TLV control limits.

Protective Clothing: Selection depends on potential exposure conditions and may include gloves, boots, apron, coveralls and long sleeved clothing.

Other Equipment: Eye wash station and drench shower in close proximity are advised

SECTION X - ACCIDENTAL RELEASE MEASURES

Ventilate area of spill. Wear appropriate PPE as specified in Section IX. Sweep up and containerize for reclamation or disposal. Avoid dust dispersal during clean up operation.

SECTION XI - DISPOSAL CONSIDERATIONS

Whatever cannot be salvaged should be managed in an appropriate and approved waste disposal facility. Processing use or contamination of this product may alter its waste classification. State and local disposal regulations may differ from federal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.



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SECTION XII - TRANSPORTATION

Proper Shipping Name: Not Regulated by The U.S. DOT

Hazard Class:

UN Number:

Packaging Group:

Labels:

SECTION XIII - TOXICOLOGY

Carcinogenicity: Not listed.

Mutagenicity: No data available.

Reproductive: No data available.

Sensitization: Not considered a sensitizer

SECTION XIV - REGULATORY

RMP/PSM: Not listed

CERCLA-RQ: None established

EPCRA 311/312: No.

EPCRA 313: No

FIFRA: No documented information available.

RCRA-CODE: No Hazardous Waste Identification.

TSCA: Listed

SECTION XV - OTHER INFORMATION

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.