

SAFETY DATA SHEET



Colonial Chemical Solutions, Inc.

SECTION 1 · COMPANY AND PRODUCT IDENTIFICATION

PRODUCT

Product Name: SODIUM CITRATE GRANULAR

Control Number: 00246

Product Description: Citrate Salt

COMPANY IDENTIFICATION

Supplier: COLONIAL CHEMICAL SOLUTIONS, INC.

916 West Lathrop Avenue

Savannah, Georgia 31415

24 Hour Emergency Telephone: (800)-424-9300 CHEMTREC

General Information: (912) 236-1331

SECTION 2· HAZARDS IDENTIFICATION

GHS Classification:

[Health]

[Environmental]

[Physical]

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Pictograms

Signal Word: Warning

Hazard statement(s)

Precautionary statement(s)

SECTION 3 · COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Sodium Citrate	18996-35-5	100

SECTION 4 · FIRST AID MEASURES

FIRST AID PROCEDURES:

Eyes: Flush with running water for at least 15 minutes. Seek medical attention.

Skin: Wash skin with soap and water. If irritation develops and persists seek medical attention.

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

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.



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SECTION 5 · FIRE FIGHTING MEASURES

Suitable Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous combustion products: Oxides of carbon and various hydrocarbons

Fire Fighting Procedures: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Unusual Fire and Explosion Hazards: None known or expected.

SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill: Stop leak if without risk. Sweep up and shovel into suitable, closed containers for disposal.. Do not get water inside container. Do not touch spilled material. Prevent entry into sewers, waterways or the environment. Pick up and arrange disposal without creating dust.

SECTION 7 · STORAGE AND HANDLING

Handling: Wash thoroughly after handling. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Storage: Keep container tightly closed in a dry and well-ventilated place. Moisture sensitive. Keep in a dry place. Store in a cool, dry, well-ventilated area.

SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below.

Exposure Limits: Sodium Citrate Contains no substances with occupational exposure limit values.

Personal Protective Equipment (PPE):

Eyes: Eye Protection when pouring. Goggles or full-face shield are recommended.

Skin: Wear neoprene gloves, apron, and/or clothing. Viton gloves are recommended.

Clothing: Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other protective items.

Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

Other Equipment: Eye wash station and shower in close proximity to use are advised.

SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: No available data

Autoignition Temperature: No available data

Boiling Point: No available data

Melting Point/Freezing Point: 406 °F

pH: 3.5 - 4 at 53.5 g/l

Solubility in Water: 135 g/l

Odor/Appearance: White odorless granular solid.

Flammability Limits: No available data

Specific Gravity: No available data

Volatile %: No available data

Evaporation Rate (BuAc=1): No available data

Vapor Density (Air-1): No available data

Vapor Pressure: No available data

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SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under normal use conditions.

Conditions to Avoid: Excess moisture and water.

Incompatibility: Bases, Reducing agents, Oxidizing agents

Hazardous Decomposition Products: Oxides of carbon and sodium.

Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Eye Contact: Eye contact can result in inflammation of the eye is characterized by redness, watering, and itching.

Skin Contact: Skin contact can produce inflammation itching, reddening, or, occasionally, blistering.

Inhalation: Inhalation of dust can produce irritation to gastro-intestinal or respiratory tract.

Ingestion: Can cause irritation of the digestive tract and irritation to the lungs.

Acute oral toxicity:

LD50 rat: No available data

Acute inhalation toxicity:

LC50 rat: No available data

Acute dermal toxicity:

LD50 Rat: No available data

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: No published data

Bioaccumulative potential: No published data

Mobility: No published data

SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 - TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: Not a DOT Regulated Material

Hazard Class:

UN/NA:

Packaging Group:

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SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA)

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established.

Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory list.

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Acute Health Hazard

SARA Section 313 (40 CFR 372) Hazard Categories:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Water Act: None of the chemicals in this product are listed as Hazardous Substances under the CWA.

Clean Air Act: None of the chemicals in this product are listed as Hazardous Substances under the CAA.

California Prop 65: This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 - OTHER INFORMATION

MSDS Creation Date: January 2015

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 0

Flammability: 0

Reactivity: 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.