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Item#0395-2691
Sodium Citrate

DATE ISSUED: 04/10/07

SECTION 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: Sodium Citrate

Emergency Telephone Number: 1-800-424-9300 Chemtrec

SECTION 2 HAZARDOUS INGREDIENTS

<u>Component</u>	<u>Percent</u>	<u>CAS No.</u>
Sodium Citrate	99.0 – 100.5	68-04-2

SECTION 3 PHYSICAL DATA

Boiling Point: Decomposes at red heat

Melting Point: 150°C (302°F)

Vapor Pressure: no information found

Vapor Density (air=1): no information found

Solubility in H₂O: 72 g/100g of water

Evaporation Rate (H₂O=1): NA

Density: ca. 1.7

Appearance/Odor: White crystals.

SECTION 4 FIRE & EXPLOSION DATA

NFPA Rating: Heath: 1 Flammability: 0 Reactivity: 0

Flash Point: NA

Lower Flame Limit: NA

Higher Flame Limit: NA

Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide

Special Fire Fighting Procedures: Self contained air supply .

Unusual Fire & Explosion Hazard: fine dust dispersed in air in sufficient concentrations, and in presence of ignition source is a potential dust explosion hazard.

SECTION 5 REACTIVITY DATA

Stability: Stable in normal use and storage.

Conditions to Avoid: Heat, flame, ignition sources, dusting, and incompatibles

Incompatible Materials: Strong oxidizers

Decomposition Products: Carbon dioxide and carbon monoxide may form when heated or decomposition.

Hazardous Polymerization: Will not occur.

SECTION 6

HEALTH HAZARD DATA

Route(s) of Entry

Health Hazards (Acute & Chronic): No information found

Eye Contact: May cause mild irritation and burn.

Skin Contact: Normally not hazardous

Skin Absorption: Not known to be absorbed through the skin.

Inhalation: Dust may be irritating.

First Aid Measures.

Ingestion: Give large quantities of water to dilute. If large amounts were swallowed, get medical advice.

Eye Contact: Flush immediately with continuous irrigation of flowing water for at least 30 minutes. Seek medical consultation if irritation develops.

Skin Contact: Promptly wash skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing. Seek medical consultation if irritation develops.

Inhalation: Remove to fresh air. Seek medical consultation if breathing difficulty develops

SECTION 7

SPILL & LEAK PROCEDURE

Steps to be Taken in Case Material is Released or Spilled: Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

Waste Disposal Method: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements

Precautions to be Taken in Handling and Storing: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

Other Precautions: Avoid breathing dust. Avoid contact with flammable materials.

SECTION VIII

CONTROL MEASURES

Respiratory Protection: For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Ventilation: In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Protective Gloves: Recommended to avoid contact.

Eye Protection: Safety glasses with side shields.

Other Protective Equipment: Body-covering clothing.