

CITY of EVERETT
SAFETY DIVISION
MATERIAL SAFETY DATA SHEET



SECTION 1. PRODUCT NAME AND IDENTIFICATION

Chemical Manufacturer's Name Fisher Scientific Chemical Division
Address 1 Reagent Lane Emergency Phone (201)796-7100
Fair Lawn, NJ 07410
Name of Product Sodium Citrate Date Prepared 2-19-87
Chemical Name Inorganic Salt (Chem. Family) C.A.S. # Unknown E.P.A. # Unknown
Generic Name, Trade Name, or Synonyms Citrosodine, Citnatin, S-279, S-466, S-467
Other Identifying Information Molecular Formula--NA3-C6-H5-07.2H2-O Mol. Wt.--294.10

Hazard Severity Slight Fire and Explosion Hazard

SECTION 2. HAZARDOUS INGREDIENTS OF MIXTURES

Material Sodium Citrate Percentage of Mixture 100.00
Nature of Hazard and Toxicity Data Highly toxic intravenously

SECTION 3. PHYSICAL DATA

Boiling Point (F) Decomp @ red heat Vapor Pressure (mm Hg) N/A Vapor Density N/A
Water Solubility 72% @ 25° C. Melting Point (F) 302° Specific Gravity 1.9
Percent Volatile by Volume N/A Evaporation Rate (nBuAc=1) N/A
Appearance and Odor Threshold Odorless, white crystals, granules, or powder with a cool, saline taste.

SECTION 4. FIRE AND EXPLOSION HAZARDS

Flashpoint (F) Combustible L.E.L. Unknown U.E.L. Unknown
Method Used. N/A
Extinguishing Agents Dry chemical, carbon dioxide, water spray, or foam.

Usual Fire or Explosive Hazards Avoid breathing dust or fumes of burning material.


Special Firefighting Equipment None

Special Firefighting Procedures Remove containers from fire area if possible.



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SECTION 5 HEALTH HAZARDS

<p>MAY BE HARMFUL</p>  <p>IF SWALLOWED</p>			

TLV N/A PEL N/A

Routes of Exposure Inhalation, skin contact, eye contact, ingestion.

Acute Symptoms of Overexposure When INGESTED--Large amounts may cause nausea, vomiting, dizziness, ataxia, dilation of pupils, and headache.

First Aid Inhalation--Remove victim from exposed area to fresh air. Skin contact--Remove clothing and shoes from affected area. Wash with water for 15-20 minutes.

Eye contact--Wash with large amounts of water for 15-20 minutes. Ingestion--If victim is conscious, give large amounts of water and induce vomiting.

SECTION 6 REACTIVITY Stable under normal temperatures and pressures.

Conditions to Avoid May be ignited by heat, spark, or flame.

Materials to Avoid None

Hazardous Decomposition Products None

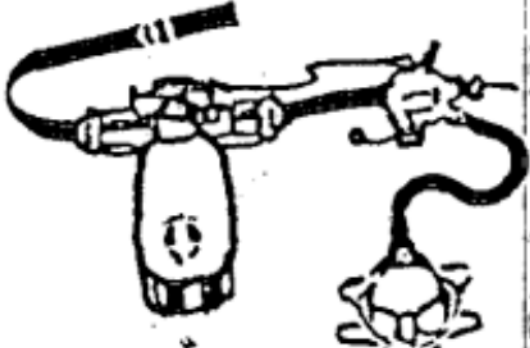

Hazardous Polymerization Not known to occur

Conditions to Avoid None



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SECTION 7 PERSONAL PROTECTIVE EQUIPMENT

 <p>SELF-CONTAINED BREATHING APPA- RATUS</p>	 <p>CHEMICAL SPLASH</p> <p>GOGGLES</p>		

Ventilation Provide local exhaust or general dilution ventilation system.

SECTION 8. SPILL OR LEAK PROCEDURES

Specific Steps to be Taken in Case Material is Released or Spilled _____

Shut off ignition sources. For small spills, with clean shovel, place in clean, dry container and cover; move container from spill area. For larger spills, wet down area with water and dike for later disposal. No smoking flames, or flares in the hazard area.

Disposal Methods Thermal disposal may cause explosion. Follow local, state, and federal disposal procedures.

Other Precautions None

SECTION 9 HANDLING & STORAGE

Where Stored Away from possible ignition sources. Where Used _____

Storage/Handling Precautions No Smoking when handling material.

Other Precautions _____

SECTION 10. SPECIAL INFORMATION FOR WORKING WITH SUBSTANCE None