



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

SODIUM CITRATE DIHYDRATE

SECTION I - GENERAL INFORMATION

Revision Date: August 2007

Emergency Number: Chemtrec 800-424-9300 or 703-527-3887

Information Number: 800-238-0001

Synonyms: 1,2,3 Propanetricarboxylic acid, 2-hydroxy, trisodium dihydrate

CAS #: 6132-04-3

OSHA Hazardous Substance: No

DOT Hazard Class: Not Regulated

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

None

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not applicable

Vapor Density (AIR=1): Not Applicable.

Specific Gravity (H₂O=1): Not Applicable

Percent Volatile by Volume(%): Not Applicable

Melting Point: Not Applicable

Sodium Citrate Dihydrate

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Evaporation Rate (Butyl Acetate=1): <1

Solubility in Water: Appreciable

Appearance and Odor: White crystals, odorless

pH: (10% soln) 7.5 - 9

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non combustible

Flammable Limits: Non combustible

Extinguishing Media:

Use media that is appropriate to treat surrounding fire

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire.

Unusual Fire Explosion Hazard:

None Known

Auto Ignition Temperature: Not Applicable

SECTION V - REACTIVITY DATA

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid: None Known

Hazardous Polymerization:

Will not occur under normal conditions.

Hazardous Decomposition Products:

None Known

SECTION VI - HEALTH HAZARD DATA

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Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes Eye: Yes

Health Hazards:

Acute & Chronic: Excessive contact with the product may cause minor skin irritation.

Carcinogenicity:

Listed by ACGIH - No IARC - No NTP - No OSHA - No

Signs - Symptoms of Exposure:

Excessive contact may cause eye irritation, long term exposure to skin could be a mild irritant.

Excessive inhalation may cause minor respiratory irritation.

Medical Conditions Aggravated by Exposure:

No information available

Emergency First Aid Procedures:

Eyes: Flush with plenty of water

Skin: Wash thoroughly and remove contaminated clothing.

Inhalation: Remove to fresh air.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Contain, sweep, or vacuum up taking care not to spread or raise dust.

Waste Disposal Method:

Dispose of in accordance with all federal, state and local regulations.

Precautions to be Taken in Handling and Storage:

Avoid contact with skin, eyes and clothing. Avoid breathing dust or mist. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials.

SECTION VIII - CONTROL MEASURES

Respiratory Protection Type:

Use NIOSH/MSHA approved respirator.

Ventilation Requirements:

Ventilate as necessary to eliminate dust from work area.

Protective Gloves, Clothing or Equipment Requirements:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

Work, Hygienic Practices:

As required to protect skin and eyes from dust. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

SECTION IX - FEDERAL REGULATORY INFORMATION

Reportable Quantities (RQ) Under EPA CERCLA: Not Listed

SARA Title III Information: Not Listed

Reason for issue: Changed Date

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