



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

SODIUM ACETATE TRIHYDRATE

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: July 2010

Synonyms: Acetic Acid, Sodium Salt, Trihydrate

CAS #: 631-90-4

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Sodium 99.0% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White powder or agglomerated granules with a slight odor of vinegar. May cause slight irritations, dust clouds may cause an explosion.

POTENTIAL HEALTH EFFECTS:

Eyes: Contact may cause irritation.

Skin: Contact may cause irritation.

Inhalation: May cause irritation to upper respiratory tract.

Ingestion: No hazard in normal industrial use.

CARCINOGENICITY: Not listed under OSHA, IARC, or NTP.

SECTION 4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 minutes.

Skin Contact: Wash off with soap and water.

Inhalation: Remove to the fresh air.

Ingestion: Dilute by drinking several glasses of water.

With all Of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

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: Dust may cause explosion. High heat may produce carbon monoxide/dioxide.

Auto Ignition Temperature: 611 °C (1132 °F)

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Do not raise dust.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SKIN AND EYE PROTECTION:

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.

EXPOSURE LIMITS: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): Not Available

Bulk Density: Not Applicable

Percent Volatile by Volume (%): Not Applicable

Melting Point: 324°C or 615°F

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: 76 gm/100mls water @ 0 °C

pH: 8.9

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide

KEEP AWAY FROM: Moisture

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Available

SECTION 12 - ECOLOGICAL INFORMATION

Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

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

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: SODIUM ACETATE TRIHYDRATE - Not Regulated

SECTION 15 - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT):

This product is listed on the TSCA Inventory.

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Not Considered a Hazard

SECTION 16 - OTHER INFORMATION

Reason for Issue: New Product

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