MATERIAL SAFETY DATA SHEET

SECTION I NAME
Product: Sodium Acetate, Anhydrous

SECTION II INGREDIENTS OF MIXTURES
Principal Component(s):
Sodium acetate, anhydrous

SECTION III PHYSICAL DATA
Melting Point (°F): 324°F (615°F)
Boiling Point (°F): N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Solubility in Water: Soluble
Appearance & Odor: White crystalline powder; slight acetic acid odor.

SECTION IV FIRE AND EXPLOSION HAZARD DATA
Flash Point (Method Used): Non-volatile solid.
Specific Gravity (H₂O = 1): 1.53
Specific Gravity Change: N/A
Percent Vapor by Volume (%): N/A
Evaporation Rate (%): N/A
Specific Gravity (H₂O = 1): N/A
Percent Volatile: N/A
Exposure Rate: N/A
Spontaneous Ignition Temperature: N/A
Flammable Limits in Air: Lower: Unknown, Upper: Unknown
Extinguisher Media: Water spray; dry chemical (ABC); carbon dioxide (CO₂); standard foam.

SPECIAL FIREFIGHTING PROCEDURES
In fire conditions, wear a NIOSH/MSHA approved self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS
No known hazards are associated with this product.

SECTION V HEALTH HAZARD DATA
Threshold Limited Value
None established ACGIH 2001. Toxicity Data: 500 mg/24 hours Skin Rabbit mild irritation; 10 mg Eye-Rabbit mild irritant; 3530 mg/kg Oral-Rat LD50.

Effects of Overexposure
Causes irritation to skin, eyes and respiratory tract. Acute ingestion may cause abdominal pain and vomiting. Exercise appropriate procedures to minimize potential hazards. Target organs: None known.

Emergency and First Aid Procedures
INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person. EYES: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes. Lifting upper and lower eyelids occasionally. Get immediate medical attention. SKIN: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SECTION VI REACTIVITY DATA
Stability: Unstable
Incompatibility (Materials to Avoid): None listed.

SECTION VII SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled
Recover for use if not contaminated. Sweep up and place in a suitable container for disposal. Wash spill area with soap and water.

Waste Disposal Method
Discharge, treatment, or disposal may be subject to Federal, State or Local laws. These disposal guidelines are intended for the disposal of catalog-size quantities only. Dispose of in an approved incinerator. Dissolve in water and flush to sewer with copious amounts of water or dispose of in an approved incinerator.

SECTION VIII SPECIAL PROTECTION INFORMATION
Respiration Protection (Specify Type): None should be needed in normal laboratory use. If dusty conditions prevail, wear a NIOSH/MSHA-approved dust mask or work in a ventilation hood.
Ventilation: Local Exhaust: Recommended. Special: No.
Mechanical (General): Recommended. Other: No.
Protective Gloves: Rubber.
Eye Protection: Chemical safety glasses.
Other Protective Equipment: Goggles, smock, apron, ventilation hood, proper gloves, and eye wash station.

SECTION IX SPECIAL PRECAUTIONS
Precautions to be Taken in Handling & Storing
Store in a cool, dry place. Wash thoroughly after handling.

Other Precautions
Avoid contact with skin and eyes. Use with adequate ventilation. Remove and wash contaminated clothing.

Revised By
Approved
Date 01/01/07
James A. Bertsch
Chemical Safety Coordinator
JAB

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