**** MATERIAL SAFETY DATA SHEET ****

Sodium Acetate Trihydrate

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ****

MSDS Name: Sodium Acetate Trihydrate
Catalog Numbers: AC217110005, S78229, BP334 1, BP334 500, BP334 1, BP334 500, BP334
BP334500, CBN5289 10, CBN5289 10, CBN5289 10, CBN5289 10, CBN5289 10, CBN5289 10, CBN5289 10, CBN5289 10, CBN5289 10

Synonyms:
- Sodium salt
- Company Identification: Fisher Scientific
  - 1 Regent Lane
  - Fair Lawn, NJ 07410
  - For information, call: 201-796-7100
  - Emergency Number: 201-796-7100
  - For CHEMTREC assistance, call: 800-424-9300
  - For International CHEMTREC assistance, call: 703-527-3887

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>% EINECS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>6131-90-4</td>
<td>Sodium acetate, Trihydrate</td>
<td>100</td>
</tr>
</tbody>
</table>

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Appearance: white
Caution: May cause eye and skin irritation. May cause respiratory and digestive tract irritation.
Target Organs: None.

Potential Health Effects
Eye: May cause eye irritation.
Skin: May cause skin irritation.
Inhalation: No hazard expected in normal industrial use.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes:
Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.
Skin:
Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:
If victim is conscious and alert, give 2-4 cupsfuls of milk or water. Get medical aid.
Inhalation:
Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media:
For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.
Autoignition Temperature: 607 deg C (1,124.60 deg F)
Flash Point: Not available.
NFPA Rating: Not published.
Explosion Limits: Lower: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

**** SECTION 7 - HANDLING AND STORAGE ****

Handling:
Wash thoroughly after handling. Remove contaminated clothing and wash before after eating, drinking, or smoking. Avoid contact with eyes, skin, and clothing.
Storage:
Keep from contact with oxidizing materials.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:
Good general ventilation should be sufficient to control airborne levels.

OSHA Vacated PELs:
- Sodium acetate, Trihydrate: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment
Eyes: Wear safety glasses with side shields.
Skin: Wear appropriate gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to prevent skin exposure.
Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State:
Solid
Appearance: white
Odor: odorless
pH: 8.5 (0.1M Solution)
Vapor Pressure: Not available.
Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: 253 deg F
Freezing/Melting Point: 130 deg C
Decomposition Temperature: Not available.
Solubility: Soluble in water, ether
Specific Gravity/Density: 1.45
Molecular Formula: C2H5O2Na.3H2O
Molecular Weight: 196.08

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
Stable.
Conditions to Avoid:
Incompatible materials.
Incompatibilities with Other Materials:
Strong oxidizers.
Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide, hazardous polymerization has not been reported.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTCECS:
CAS#: 6131-90-4: AJ45580000
LD50/LC50:
Not available.
Carcinogenicity:
- Sodium acetate, Trihydrate: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
Epidemiology:
No data available.
Sodium acetate trihydrate is not present on state lists from CA, PA, MN, MA, FL, or NJ. California No Significant Risk Level: None of the chemicals in this product are listed.
European/International Regulations:
European Labeling in Accordance with EC Directives
Risk Symbols: Not available.
Safety Phrases:
WGK (Water Danger Protection): CAS# 6131-90-4: 1
Canada: None of the chemicals in this product are listed on the DSL/NDSL list. This product has a WHMIS classification of GB.
CAS# 6131-90-4 is not listed on Canada’s Ingredient Disclosure List.
Exposure Limits

**SECTION 18 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 12/13/1994 Revision #12 Date: 12/12/1997

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