

DATE: 01/28/99
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ACCT: 888235001
CAT NO: S2093

PAGE: 1

PO NBR: UNI-92619

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

Sodium Acetate Trihydrate
20865

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

MSDS Name: Sodium Acetate Trihydrate

Catalog Numbers:
AC217110025, S78229, BP334 1, BP334 500, BP334-1, BP334-500, BP3341,
BP334500, CRNS209 10, CRNS20910, NC9500258, S207-10, S209 10, S209 3,
S209 500, S209-10, S209-3, S209-500, S20910, S20910001, S20910LC, S2093,
S20950, S209500, S220 1, S220-1, S2201, S608 3, S608-10, S608-3, S608-500,
S60812, S6083, S60850, S608500, S78229-2

Synonyms:

Sodium salt
Company Identification: Fisher Scientific
1 Reagent Lane
Fairlawn, 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 ****

CAS#	Chemical Name	%	EINECS#
6131-90-4	Sodium acetate, Trihydrate	100	unlisted

**** 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.

Ingestion:

Ingestion of large amounts may cause gastrointestinal irritation.

Inhalation:

No hazard expected in normal industrial use.

Chronic:

No information found.

**** 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 cupfuls 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.

Notes to Physician:

None

Antidote:

none reported

**** 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.

Upper: Not available.

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

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General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. 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.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Sodium acetate, Trihydrate	none listed	none listed	none listed

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:

8.9 (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:

136 deg F

Decomposition Temperature:

Not available.

Solubility:

Soluble in water, ether

Specific Gravity/Density:

1.45

Molecular Formula:

C2H3O2Na.3H2O

Molecular Weight:

136.08

**** 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 ****

RTECS#:

CAS# 6131-90-4: AJ4580000

LD50/LC50:

Not available.

Carcinogenicity:

Sodium acetate, Trihydrate -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology:

No data available.

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Teratogenicity:
No data available.
Reproductive Effects:
No data available.
Neurotoxicity:
No data available.
Mutagenicity:
No data available.
Other Studies:
No data available.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

Ecotoxicity:
Acute aquatic effects (for anhydrous sodium acetate) 96-hour LC50:
Fathead minnow: GT 100 mg/L 96-hour LC50; Water flea: GT 1000 mg/L
This chemical has a high biological oxygen demand, and it is expected
to cause significant oxygen depletion in aquatic systems. It has a
low potential affect aquatic organisms.
Environmental Fate:
This chemical is readily biodegradable and is not likely to
bioconcentrate.
Physical/Chemical:
None reported
Other:
None

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.
RCRA D-Series Maximum Concentration of Contaminants:
None listed.
RCRA D-Series Chronic Toxicity Reference Levels: None
listed.
RCRA F-Series: None listed.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

**** SECTION 14 - TRANSPORT INFORMATION ****

US DOT
No information available
IMO
Not regulated as a hazardous material.
IATA
Not regulated as a hazardous material.
RID/ADR
Not regulated as a hazardous material.
Canadian TDG
No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

US FEDERAL

TSCA
CAS# 6131-90-4 is not on the TSCA Inventory. It is a hydrate and
exempt from TSCA Inventory requirements (40CFR720.3(u)(2)).
Health & Safety Reporting List
None of the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
Section 12b
None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.
SARA
Section 302 (RQ)
None of the chemicals in this material have an RQ.
Section 302 (TPQ)
None of the chemicals in this product have a TPQ.
SARA Codes
CAS # 6131-90-4: acute.
Section 313
No chemicals are reportable under Section 313.
Clean Air Act:
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depletors.
This material does not contain any Class 2 Ozone depletors.
Clean Water Act:
None of the chemicals in this product are listed as Hazardous
Substances under the CWA.
None of the chemicals in this product are listed as Priority
Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants
under the CWA.

OSHA
None of the chemicals in this product are considered highly hazardous
by OSHA.

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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
Hazard Symbols: Not available.
Risk Phrases:
Safety Phrases:
WGK (Water Danger/Protection)
CAS# 6131-90-4: 1
Canada
None of the chemicals in this product are listed on the DSL/NDL list.
This product has a WHMIS classification of D2B.
CAS# 6131-90-4 is not listed on Canada's Ingredient Disclosure List.
Exposure Limits

**** SECTION 16 - ADDITIONAL INFORMATION ****

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

The information above is believed to be accurate and represents the best
information currently available to us. However, we make no warranty of
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