



ELECTRO-CHEMICAL DEVICES

Liquid Analytical Instrumentation for Process Control

*Bringing Simplicity
to a Solution*

Material Safety Data Sheet

Acetate Buffer Solution, pH 6.3

1. Product Identification

Synonyms:	CA-6 Analyzer Aluminum Reagent #2 Solution
CAS No.:	Not applicable to mixtures.
Molecular Weight:	Not applicable to mixtures.
Chemical Formula:	Not applicable to mixtures.
Product Codes:	ECD P/N 2010049-1
Manufacture By:	Electro-Chemical Devices, Inc. 1681 Kettering Irvine, CA 92614
Phone:	(800) 729-1333

2. Hazards Identification

Emergency Overview

OSHA Hazards

No known OSHA hazards

Not a dangerous substance according to GHS.



NFPA Rating:

Potential Health Effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.



3. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
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Sodium acetate trihydrate	6131-90-4	20 % w/v	No
Sodium Hydroxide	1310-73-2	1.1%	No
Water	7732-18-5	Balance	No

4. First Aid Measures

Eye Contact:	Check for and remove any contact lenses. In case of contact, flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Consult physician
Skin Contact:	Wash with soap and water
Inhalation:	Not applicable
Ingestion:	Ingestion of large doses may cause nausea, vomiting.

5. Fire Fighting Measures

Flammability of the Product:	Non-flammable
Auto-ignition Temperature:	Not applicable
Flash Points:	Not applicable
Flammable Limits:	Not applicable
Products of Combustion:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sodium oxides
Fire Hazards:	Not applicable
Explosion Hazards:	Static Discharge: None
Mechanical Impact:	None
Fire Fighting Media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective Clothing:	Wear self-contained breathing apparatus for firefighting if necessary
Special Remarks:	None



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6. Accidental Release Measures

Small Spill and Leak: Wash up with water and dispose to sanitary drain.

7. Handling and Storage

Handling: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.

Storage: Store in a cool, dry, well ventilated place. Store in a tightly closed container

8. Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95

(US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

General industrial hygiene practice.

9. Physical and Chemical Properties

Appearance:

Clear, colorless liquid.



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Odor:

Odorless.

Solubility:

Complete (100%)

Specific Gravity:

1.0 water = 1

pH:

neutral, pH 5-8

% Volatiles by volume @ 21C (70F):

NA

Boiling Point:

100°C

No information found.

Vapor Density (Air=1):

Not applicable.

Vapor Pressure (mm Hg):

Not applicable.

10. Stability and Reactivity

Chemical Stability: Product is stable

Conditions to Avoid: none

Incompatibilities with Other Materials: none

Hazardous Decomposition Products: none

Hazardous Polymerization: Has not been reported

11. Toxicological Information

Toxicity: No data available

Chronic Effects on Humans:

CARCINOGENIC EFFECTS: Not available



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Acute Effects on Humans: Not available

Synergetic Products (Toxicologically): Not available

Irritancy Draize Test: Not available

Sensitization: Not available

Carcinogenic Effects: Not available

Toxicity to Reproductive System: Not available

Teratogenic Effects: Not available

Mutagenic Effects: Not available

12. Ecological Information

Eco-toxicity: No data available

Environmental: No information available

Physical: No information available.

13. Disposal Considerations

Treatment: No special considerations, observe all Federal, State and local laws when disposing of this solution.

14. Transport Information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. Regulatory Information

OSHA Hazards

No known OSHA hazards



SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right To Know Components

Sodium acetate trihydrate

CAS-No. 6131-90-4

Revision Date

New Jersey Right To Know Components

Sodium acetate trihydrate

CAS-No. 6131-90-4

Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

HMIS Classification

Health hazard: 0

Flammability: 0

Physical hazards: 0

Label Hazard Warning:

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.



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Label Precautions:

None.

Label First Aid:

Not applicable.

Product Use:

Laboratory Reagent.

Revision Information:

MSDS-2010049-1 rev. b Feb. 2015
