

SAFETY DATA SHEET (SDS)

Acetate Buffer, pH 4.0 with Activator

01. Product and Company Identification

Product Identifier:

Trade Name: Cannabuse Acetate Buffer, pH 4.0 with Column Activator
Chemical Name: Sodium Acetate solution
Catalog Number: 16001015
Part of Kits:
Use of chemical: Buffer

Identification of Manufacturer:

Manufacturer/Supplier: Biochemical Diagnostics, Inc.
 180 Heartland Blvd., Edgewood, NY 11717
 Phone: (631) 595-9200 | Fax: (631) 595-9204
Emergency telephone number: (800) 255-3924

02. Hazard(s) Identification

Classification of substance or mixture:

Skin sensitization (Category 1)
May cause allergic reaction
 Eye irritation (Category 2B)
Causes eye irritation

Label elements:

Hazard pictograms



Irritant

Signal word: Warning

Hazard statements:

H317 May cause an allergic skin reaction.
 H320 Causes eye irritation.

Precautionary statements:

P280 Wear protective gloves.
 P302+352 IF ON SKIN Wash with soap and water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 1
 Fire = 0
 Reactivity = 0

HMIS-ratings (scale 0 - 4)

HEALTH	1
FIRE	0
REACTIVITY	0

Health = 1
 Fire = 0
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03. Composition/information on ingredients

Chemical Characterization: Mixture

CAS No. Description : N/A

Formula : Sodium Acetate, Acetic Acid, Alcohol mixture (proprietary), Water

Molecular weight : N/A

04. First aid measures

Description of first aid measures:

Inhalation: Remove to fresh air. Consult a physician.

Ingestion: Rinse mouth with water.

Skin Contact: Contact cause irritation. Remove contaminated clothing. Wash immediately with soap and water.

Eye Contact: Rinse with thoroughly with plenty of water for at least 15 minutes. Seek medical attention.

05. Firefighting measures

Extinguishing media: Dry chemical, alcohol-resistant foam, or carbon dioxide.

Special Fire Fighting Procedures: Wear proper protective equipment w/Self contained breathing apparatus.

Unusual Fire and Explosion Hazards: Contact with strong oxidizers may cause fire.

06. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Avoid breathing vapors, mist or gas. Keep unprotected persons away. Ensure adequate ventilation.

Environmental precautions:

Prevent further leakage if safe to do. Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) and remove.

Waste Disposal Method:

Dispose in accordance with state, local and federal regulations

07. Handling and storage

Handling:

Precautions for safe handling: No special precautions are necessary if used correctly.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Further information about storage conditions: Keep receptacle tightly sealed.

Store in well-ventilated, cool, dry conditions in well-sealed receptacles. Keep container upright to prevent leakage.

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08. Exposure controls/ personal protection

Exposure Controls:

Control parameters:

Components with limit values that require monitoring at the workplace:

64-19-7 Acetic Acid

PEL Long-term value: 25 mg/m³, 10 ppm

REL Long-term value: 25 mg/m³, 10ppm

TLV Short-term value: 37 mg/m³, 15 ppm

Personal protective equipment:

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Eye Protection:



Tightly sealed safety glasses or face shield.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

Protection of Hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Dispose of gloves after use.

Respiratory Protection: If the exposure limit is exceeded, use NIOSH approved and tested full-face respirator that is independent of circulating air.

Ventilation: Keep vapor levels as low as possible, use adequate general or local exhaust.

09. Physical and chemical properties

Appearance:

Form: Liquid

Color: Colorless

Odor: Slight vinegar and alcohol odor

pH: 4.0

Melting Point: 120°C/ 248°F

Boiling Point: 324°C/ 615°F

Flash Point: 21°C (71 °F)

Ignition temperature: 412°C Estimated

Explosion limits: Lower: no data available

Upper: no data available

Vapor Pressure @ 20°C: N/A

Specific Gravity @ 20°C (68°F): 1.10 g/cm³

Vapor Density: N/A

Percent Volatile: N/A

Evaporation Rate: N/A

Flammable Limits in air % by volume: Lel: N/A

Uel: N/A

Solubility in/ Miscibility with Water @20°C: soluble

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10. Stability and reactivity**Stability:** Stable**Incompatibility:** Avoid nitrates, aluminum or magnesium, strong oxidizers, amines, alkali metals, strong bases, or strong acids.**Conditions to Avoid:** Heat, sparks, open flame. Exposure to sunlight.**Hazardous Polymerization:** Will not occur**Hazardous Decomposition:** Carbon oxides and acetic acid fumes may form if over 130°C.**11. Toxicological information****Acute toxicity:****LD/LC50 values that are relevant for classification: Acetic Acid**

Oral LD50 no data available

Inhalation no data available

Dermal LD50 no data available

Potential health effects:**On the skin:** May be harmful if absorbed through skin. May cause skin irritation.**On the eye:** May cause eye irritation.**Inhalation:** May be harmful if inhaled. May cause irritation to upper respiratory tract.**Ingestion:** May be harmful if swallowed.**12. Ecological information****Toxicity:** No data available.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Mobility in soil:** No data available.**Other adverse effects:** No data available.**13. Disposal considerations****Waste treatment methods****Product:**

Dispose of waste in accordance to applicable national, regional, or local regulations.

Contaminated packaging:

Disposal must be made according to official regulations.

14. Transport Information

Not dangerous goods



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15. Regulatory Information

SARA 302 Components:

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

SARA 313 Components:

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 data available.

16. Other Information

Revision B, June 2015

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, we make no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, we will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

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