MATERIAL SAFETY DATA SHEET



Acetate Buffer pH 4.0

SECTION 1 . Product and Company Idenfication

Product Name and Synonym: Acetate Buffer pH 4.0

Product Code: 0020

Material Uses:

Manufacturer: Aqua Solutions, Inc

6913 Hwy 225

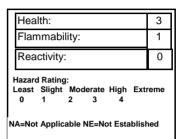
Deer Park, TX 77536

(281) 479-2569

Entry Date : 12/1/2014
Print Date: 12/1/2014

24 Hour Emergency Assistance : Chemtrec 800-424-9300

Canutec 613-996-6666



SECTION 2 HAZARD IDENTIFICATION

Causes severe irritation and burns. May Be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
☐ Acetic Ac	id, Glacial	CAS# 64-19-7	48%	W/V	10 ppm OSHA TWA, 15 ppm OSHA STEL
☐ Sodium A	acetate Anhydrous	CAS# 127-09-3	14.6%	W/V	TXDS: orl-rat LD•□:3530 mg/Kg
☐ Water, De Type II	eionized ASTM	CAS# 7732-18- 5	Balance	V/V	None Established

SECTION 4 FIRST AID MEASURES

Causes severe irritation and burns. May Be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

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SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Carbon Dioxide, dry chemical powder or

appropriate foam

Fire / Explosion Hazards:

Combustible. Material will burn in a fire.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing

to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local

law.

SECTION 7 HANDLING AND STORAGE

Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Organic Vapor Cartridge

Ventilation

Local Exhaust 🗸

Mechanical 🗸

Protective Gloves: Wear appropriate gloves to prevent skin exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent

skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point: Information Percent Volatile by Volume: >85%

not available

Boiling Point: Information Evaporation Rate information not

available

Not applicable

not available

Vapor Pressure: Information Evaporation Standard

not available

not available

Vapor Density: Information Auto Ignition Temp Not applicable

Solubility in Water: Soluble Lower Flamm. Limit in Air Not applicable

Upper Flamm. Limit in Air

Appearance /Odors: clear liquid

with pungent acetic acid smell

SITICII

Flash Point: information

not available

Specific Gravity: Information

not available

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with heat, sparks, flames, or

other sources of ignition.

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Materials to Avoid: Oxidizing agents, metals, bases, amines.

Hazardous Decomposition

Toxic fumes of: Carbon Monoxide, Carbon

Products:

Dioxide

Hazardous polymerization: Not known to occur

Conditions to Avoid: None known

SECTION 11	Toxicological Information	
SECTION 12	Ecological Information	
SECTION 13	Disposal Considerations	
SECTION 14	Transport Information	

DOT Classification: UN3265, Corrosive Liquid, Acidic, Organic,

n.o.s. (Acetic Acid), 8, PG III

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15	Regulatory Information
SECTION 16	Additional Information

DANGER! CORROSIVE! May be fatal if ingested! May be harmful if inhaled. Causes burns to any area of contact! For eye or skin contact, immediately flush with water for at least 15 minutes. In case of ingestion, DO NOT induce vomiting. Give large quantities of water or milk. Get medical attention immediately.

Flammability

Health Reactivity

Revisions 1

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