

## Safety Data Sheet

Revision Date: 22-June-2016

24 Hour Emergency #: 1-800-255-3924

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Sodium Acetate 3M pH 4.5  
CATALOG NUMBER: 351-309-101  
CHEMICAL NAME: An aqueous solution of Sodium acetate.

#### Company/Undertaking Identification

Quality Biological Inc.  
7581 Lindbergh Drive  
Gaithersburg, MD 20879  
301-840-9331

### 2. HAZARDS IDENTIFICATION

#### GHS – Classification

Classification  
Signal Word

Skin Irritant 2 Eye Irritant 2 Skin Sensitizer 1 Respiratory Sensitizer 1  
Danger



#### Hazard Statements

H315 - Causes skin irritation  
H318 - Causes serious eye damage

#### Precautionary Statements

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+ P352 - IF ON SKIN: Wash with plenty of soap and water P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	EC No.	REACH Reg. No.	CAS-No	Weight %	Classification
Acetate, sodium, trihydrate	-	Not available	6131-90-4	40.8	-
Sodium hydroxide	-	Not available	64-19-7	30.0	-



## 4. FIRST AID MEASURES

<b>Skin contact</b>	Immediately wash skin with copious amounts of water followed by washing with soap and copious amounts of water. Remove all contaminated clothing.
<b>Eye contact</b>	Flush eyes with copious amounts of water for at least 15 minutes with eyelids separated and call a physician.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person
<b>Inhalation</b>	If person is unconscious seek emergency medical attention, if person is conscious remove to fresh air and call a physician
<b>Notes to physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**General:** Wear Self-Contained breathing apparatus in pressure demand, MSHA/NIOSH approved. During a fire, irritating and toxic gases may be generated by thermal decomposition.

**Extinguishing Media:** Use extinguishing media appropriate to surrounding fire conditions.

**Hazardous Combustion Products:** No information available

**Autoignition Temperature:** N/A

**Explosion limits:** Not sensitive.

**Flash Point:** Not flammable.

## 6. ACCIDENTAL RELEASE MEASURES

**Use Personal Protective Equipment:** Including Chemical Splash Goggles, Chemical Resistant Gloves, and appropriate clothing to prevent skin exposure. In addition, a Respiratory protection program that complies with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

**Spills and Leaks:** Absorb spill with inert material (e.g. Vermiculite, sand, earth) then place in a suitable container. Clean up spills immediately, observing precautions in the Sections 6 and 8. Provide ventilation.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure controls

#### Exposure limits

Engineering measures	Ensure adequate ventilation, especially in confined areas
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#### Personal protective equipment



## Sodium Acetate 3M, pH 4.5

<b>Respiratory protection</b>	In case of insufficient ventilation wear suitable respiratory equipment
<b>Hand protection</b>	Protective gloves
<b>Eye protection</b>	Safety glasses with side-shields
<b>Skin and body protection</b>	Lightweight protective clothing.
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Environmental exposure</b>	
<b>Controls</b>	Prevent product from entering drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

<b>Form</b>	Liquid
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### Important Health Safety and Environmental Information

<b>Boiling point/range</b>	°C No data available	°F No data available
<b>Melting point/range</b>	°C No data available	°F No data available
<b>Flash point</b>	°C No data available	°F No data available
<b>Autoignition temperature</b>	°C No data available	°F No data available
<b>Oxidizing properties</b>	No information available	
<b>Water solubility</b>	No data available	

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions.
<b>Materials to avoid</b>	No information available
<b>Hazardous decomposition products</b>	No information available
<b>Polymerization</b>	Hazardous polymerisation does not occur.
<b>Incompatible Products</b>	Strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Irritating to eye, skin and respiratory system.

### Principle Routes of Exposure/ Potential Health effects

<b>Eyes</b>	No information available
<b>Skin</b>	No information available
<b>Inhalation</b>	No information available
<b>Ingestion</b>	No information available

### Specific effects

<b>Carcinogenic effects</b>	No information available
<b>Mutagenic effects</b>	No information available

**Reproductive toxicity**  
**Sensitization**

No information available  
No information available

**Target Organ Effects**

Teeth, Kidneys..

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Harmful to aquatic organisms.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Glacial acetic acid		LC50= 79 mg/L Pimephales promelas 96 h LC50= 75 mg/L Lepomis macrochirus 96 h		

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

## 14. TRANSPORT INFORMATION

**IATA**

**Proper shipping name**  
**Hazard Class**  
**Subsidiary Class**  
**Packing group**  
**UN-No**

Not classified as dangerous in the meaning of transport regulations  
No information available  
No information available  
No information available  
No information available

## 15. REGULATORY INFORMATION

**International Inventories**

**U.S. Federal Regulations**

**SARA 313**

This product is not regulated by SARA.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contains HAPs.

**U.S. State Regulations****California Proposition 65**

This product does not contain chemicals listed under Proposition 65

**WHMIS hazard class:**

D2B Toxic materials

D2A Very toxic materials



This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

**16. OTHER INFORMATION**

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

**THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT; HOWEVER, IT MAY NOT BE ALL INCLUSIVE. THIS INFORMATION SHOULD BE USED ONLY AS A GUIDE. QUALITY BIOLOGICAL, INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM THE HANDLING OR CONTACT WITH THE ABOVE PRODUCT.**

**End of Safety Data Sheet**