

# ACIDULATED WATER, Ph 3.2

## Section 1 - Chemical Product and Company Identification

**SDS Name:** Acidulated Water, ph 3.2

**Catalog Numbers:** SO\_862

**Company Identification:** ROWLEY BIOCHEMICAL  
10 ELECTRONICS AVENUE  
DANVERS, MA 01923

**For information, call:** 978-739-4883

**Emergency Number:** 800-424-9300

**For CHEMTREC assistance, call:** 800-424-9300

## Section 2 - Hazards Identification

### GHS Classifications

#### Health Hazards

H303-Acute Oral Toxicity: 5

H316-Skin Corrosion/Skin Irritation: 3

H320-Eye damage/Irritation: 2B

H317-Skin Dermal Sensitization: 1B

#### Physical Hazards

Not Classified

#### Environmental Hazards

**Acute Aquatic Environmental Hazards:** Not Classified

**Chronic Environmental Hazards:** Not Classified

### Pictograms or Hazard Symbols and Hazard Statement



**WARNING:** May cause an allergic skin reaction.

## Precautionary Statement Prevention

H303

**P312** Call a physician if you feel unwell.

H316

**P332 + P313** If skin irritation occurs, get medical advice/attention.

H320

**P264** Wash thoroughly after handling.

**P305+P351+P338 IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+P313** If eye irritation persists: Get medical advice/attention.

H317

**P272** Contaminated work clothing should not be allowed out of the work place.

**P333+P313 IF ON SKIN:** Wash with plenty of soap and water.

**P363** Wash contaminated clothing before reuse.

### Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
77-92-9	Citric Acid	<1% w/vv
7732-18-5	Ultra Pure Water	Balance

### Section 4 - First Aid Measures

**Eye Exposure:** In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

**Dermal Exposure:** In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes.

**Oral Exposure:** If Swallowing seek immediate medical advice.

**Inhalation Exposure:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.

## Section 5 - Fire Fighting Measures

**NFPA** HEALTH 1 FLAMMABILITY 0 REACTIVITY 0

Firefighters should wear proper protective clothing and self contained breathing apparatus with full piece operated in positive pressure mode to prevent contact with skin and eyes. Water may be ineffective in fighting fire. Use water spray to keep for exposed containers cool.

**Extinguishing Media:** Use water spray, dry chemical powder, or appropriate foam.

**Flash Point:** N/A

**Auto ignition Temperature:** N/A

**Explosion Limits:** N/A

**Upper:** N/A

## Section 6 - Accidental Release Measures

**Procedure(s) of Personal Precaution(s):**

Wear protective gear.

**Methods for Cleaning up:** Absorb with sand, earth or vermiculite. Carefully sweep up and containerize for proper disposal.

## Section 7 - Handling and Storage

Use care when handling. Wash thoroughly after handling. Store capped at room temperature. Keep away from incompatible materials.

## Section 8 - Exposure Controls, Personal Protection

**Engineering Controls:**

Mechanical exhaust

**Personal Protective Equipment:**

Other: Wear appropriate government approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

## Section 9 - Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** clear

**pH:** 3.2

**Vapor Pressure:** N/A

**Vapor Density:** N/A  
**Evaporation Rate:** N/A  
**Viscosity:** N/A  
**Boiling Point:** N/A  
**Freezing/Melting Point:** N/A  
**Decomposition Temperature:** N/A

Section 10 - Stability and Reactivity

**Chemical Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Hazardous Decomposition Products:** not known

**Hazardous Polymerization:** Will not occur.

Section 11 - Toxicological Information

**Route of exposure:**

Multiple routes: May cause irritation. May be harmful by ingestion, or skin absorption.

**Conditions aggravated by exposure:**

The toxicological properties have not been thoroughly investigated.

Section 12 - Ecological Information

**12. ECOLOGICAL INFORMATION:**

No information available.

Section 13 - Disposal Considerations

**Appropriate method of disposal of substance or preparation:**

Handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved waste facility.

Section 14 – Transport Information

**DOT**

Non-Regulated

Section 15 - Regulatory Information

**Federal and State Regulations:** TSCA 8(b) inventory: water.

**Other Regulations: EINECS:** This product is on the European Inventory of Existing Commercial Chemical Substances.

**WHMIS (Canada):** Not controlled under WHMIS (Canada)

**Risk Phrases:**

R22 Harmful if swallowed  
R36/37/38 Irritating to eyes, respiratory system and skin

**Safety Phrases:**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S36 Wear suitable protective clothing.

Section 16 - Additional Information
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**MSDS Creation Date:** 8/19/09

**Revision #1 2/7/2014 YM**

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