

ACIDULATED WATER, pH 4.0

Section 1 - Chemical Product and Company Identification

SDS Name: Acidulated Water, pH 4.0

Catalog Numbers: SO_127

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 and allergic skin reaction.



Warning: May be harmful if swallowed
Causes mild skin irritation.
Causes eye irritation.

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: 4

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

MSDS Creation Date: 8/19/09

Revision #1 2/7/2014 YM

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