

## Safety Data Sheet

# ACRIDINE ORANGE SOLUTION, 0.1% AQ.

### Section 1 - Chemical Product and Company Identification

**SDS Name:** Acridine Orange Solution, 0.1 AQ.

**Catalog Numbers:** SO-267, A-122-2, I-552-1

**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

H315-Skin Corrosion/Skin Irritation: 2

### 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:** Causes skin irritation.

## Precautionary Statement Prevention

H315

**P280** Wear protective gloves, clothing, and eye and face protection.

**P302 + P352** If on skin, wash with plenty of water. Remove contact lenses if present and easy to do so. Continue rinsing.

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

**P362** Take off contaminated clothing and wash before reuse.

### Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name	Percent
10127-02-3	Acridine Orange	1 w/v
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:** Orange

**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

**Solubility:** Soluble.

#### 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

LD50/LC50 No information available.

**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:**

R21 Harmful in contact with skin.

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 3/2/2014 YM./ RC**

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