

# BASIC FUCHSIN SOLUTION, 0.5% AQUEOUS

## Section 1 - Chemical Product and Company Identification

**MSDS Name:** Basic Fuchsin Solution, 0.5 AQ.

**Catalog Numbers:** SO-301

**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  
H313 **Acute Dermal Toxicity:** 5  
H316 **Skin Corrosion/ Skin Irritation:** 3  
H320 **Eye Damage/ Irritation:** 2B  
H334 **Respiratory Sensitization:** 1B  
H317 **Skin dermal Sensitization:** 1B  
H341 **Germ Cell Mutagenicity:** 2  
H351 **Carcinogenicity:** 2  
H373 **Specific Target Organ Toxicity:** 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! May be harmful if swallowed  
May be Harmful in contact with skin  
Causes mild skin irritation Causes eye irritation



Warning! May cause an allergic skin reaction



Danger! May cause allergy or asthma symptoms or breathing difficulties if inhaled. Warning! Suspected of causing genetic defects. Mutagenic for mammalian somatic cells. Suspected of causing cancer. May cause damage to the following organs: blood, liver, spleen and thyroid through repeated or prolonged exposure.

### Precautionary Statement Prevention

Section 3 - Composition, Information on Ingredients
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CAS#	Chemical Name	Percent
632-99-5	Basic Fuchsin	0.25 w/v
7732-18-5	Water	100 v/v

Section 4 - First Aid Measures
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**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. Avoid contact with skin, eyes and clothing. Store at room temperature.

## 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:** Fuchsin

**pH:** N/A

water.

**Vapor Pressure:** 2.3 kPa @ 20deg. C

**Vapor Density:** 0.62 (Air=1)

**Evaporation Rate:** N/A

**Viscosity:** N/A

**Boiling Point:** 100 deg. C

## Section 10 - Stability and Reactivity

**Chemical Stability:** Use care when handling. Avoid contact with skin, eyes and clothing. Store at room temperature.

**Hazardous Decomposition Products:** not known

**Hazardous Polymerization:** Will not occur.

#### Section 11 - Toxicological Information

RTECS: CX9850100:

CAS# 569-61-9 Basic Fuchsin:

Oral (LD50): Acute: 5000mg/kg [Mouse]

LC50: None Listed: investigated as a mutagen

**Carcinogenicity:**

CAS# 569-61-9: Basic Fuchsin: Not listed by ACGIH, NTP or CA Prop 65.

Classified group 2B carcinogen by IARC

**Routes of exposure:** Multiple routes: May cause irritation, May be harmful by ingestion, or skin absorption. . Basic Fuchsin is a cancer suspect Agent.

#### Section 12 - Ecological Information

**Ecotoxicity:**

CAS# 569-61-9: Basic Fuchsin: Not 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 wasted facility.

#### Section 14 – Transport Information

**DOT**

Non-Regulated

#### Section 15 - Regulatory Information

Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

**European/International Regulations**

**European Labeling in Accordance with EC Directives**

**Risk Phrases:**

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed  
R36/38 Irritating to eyes and skin  
R45 May cause cancer  
R42/43 May cause sensitization by inhalation and skin contact  
R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed

**Safety Phrases:**

S3/7/9 Keep container closed in a cool, well-ventilated place  
S24/25 Avoid contact with skin and eyes  
S20/21 When using do not eat, drink or smoke  
S2 Keep out of the reach of children.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S28 After contact with skin, wash immediately with plenty of soap and water  
S37/39 Wear suitable gloves and eye/face protection  
R42/43 May cause sensitization by inhalation and skin contact

Section 16 - Additional Information
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**MSDS Creation Date:** 1/8/2010

**Revision #1** 7/15/14 YM

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