

BASIC FUCHSIN C.I. 42510

Section 1 - Chemical Product and Company Identification

MSDS Name: Basic Fuchsin C.I. 42510

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! . **Suspected of causing cancer.** May cause allergy or asthma symptoms or breathing difficulties if inhaled. Warning! Suspected of causing genetic defects. Mutagenic for mammalian somatic cells. 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

| CAS# | Chemical Name | Percent |
|----------|---------------|---------|
| 632-99-5 | Basic Fuchsin | ~ 100 |

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

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This material in sufficient quantity and reduced particle size is capable of creating a dust explosion.

Extinguishing Media: In case of fire use water spray to cool fire expose containers. Use water spray, dry chemical, Carbon dioxide, or appropriate foam. Use agent most appropriate to extinguish

Flash Point: 200 deg C (392.00 def F)

Auto-ignition Temperature: Not applicable

Explosion Limits, Lower / Upper: Not available

NFPA Rating: (estimated) Health: 2; Flammability: 0; Instability: 0.

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

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

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: Solid

Appearance: Metallic green to dark green

Odor: Odorless

Freezing/Melting Point: 250 deg C dec.

pH: Not available.

Vapor Pressure (mm Hg): Not available.

Vapor Density (Air = 1): Not available.

Evaporation Rate: Not available.

Viscosity: Not available.

Boiling Point: Not available.

Decomposition Temperature: 200°C

Solubility: 0.26%

Specific Gravity/Density: Not available.

Section 10 - Stability and Reactivity

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions. May decompose if heated.

Conditions to Avoid: Incompatible materials, dust generation, excess heat.

Incompatibilities with Other Materials: Aniline is incompatible with acetic anhydride, chlorosulfonic acid, hexachloromelamine, nitric acid, nitric acid + nitrogen tetroxide and sulfuric acid, nitrobenzene and glycerine, oleum, ozone, perchloric acid + formaldehyde, perchromates, performic acid, potassium peroxide, propiolactone (beta), silver perchlorate, sodium peroxide, sulfuric acid, trichloromelamine, oxidizing materials, acids, anilinium chloride, benzenediazonium-2-carboxylate, boron trichloride, 1-chloro-2,3 epoxypropane, dibenzoyl peroxide, nitromethane, nitrous acid, and tetranitromethane.

Hazardous Decomposition Products: Hydrogen chloride, nitrogenoxides, carbon monoxide, carbon dioxide.

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

MSDS Creation Date: 1/8/2010

Revision #1 12-8-14 RC

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