

27120 SW 95th Avenue
P.O. Box 570
Wilsonville, OR 97070
USA
(503) 570-2500

MATERIAL SAFETY DATA SHEET

EMERGENCY ASSISTANCE - 24 hour

For emergency assistance involving chemicals call CHEMTREC (800) 424-9300.

SECTION 1: MATERIAL INFORMATION

Common Name: BASIC FUCHSIN STAIN SOLUTION
Synonyms: p-Rosaniline chloride; Basic Violet 14; C.I. 42510
Catalog Number: R5812, R5819, R5824, R5829, R5834
CAS #: N/AV
WARNING: POISON, CARCINOGEN, FLAMMABLE

SECTION 2: HAZARDOUS INGREDIENTS

<u>Hazardous Components</u>	<u>CAS #</u>	<u>Chemical Family</u>	<u>Molecular Formula</u>	<u>Approximate Concentration</u>
Basic Fuchsin	632-99-5	Basic Dye(s)	C ₂₀ H ₉ N ₃ Cl	0.1%
Ethanol	64-17-5	Alcohol	C ₂ H ₅ OH	10.0%

SECTION 3: PHYSICAL DATA

Appearance: Red liquid with metallic green sheen	pH: N/AV	Vapor Density: N/AV
Boiling Point: N/AV	Solubility in Water: Appreciable	Flash Point: 51°C (124°F) cc
Melting Point: N/AV	Vapor Pressure: N/AV	Evaporation Rate: N/AV
Odor: Alcohol, sweet	Specific Gravity: N/AV	

SECTION 4: FIRE AND EXPLOSION HAZARD

Flammable: Yes

Flammable Limits: Upper: N/AV Lower: N/AV

Extinguish Media:
CO₂, dry chemical or water

Special Hazards:
Do not use high pressure water stream.

Unusual Fire and Explosion Hazards:
None

SECTION 5: REACTIVITY DATA

Stable: **Unstable:**
Conditions to Avoid:
Heat, sparks, open flame
Materials to Avoid:
 Water -
 Acids -
 Bases -
 Corrosives -
 Oxidizers -
 Other: Concentrated nitric and sulfuric acids, aldehydes, halogens

Hazardous Decomposition Products:
Carbon monoxide, carbon dioxide

SECTION 6: HEALTH HAZARD DATA

To the best of our knowledge, the chemical, physical, and toxicological properties of this mixture have not been thoroughly investigated. Presented below are specific data on each of the subcomponent ingredients:

<u>Hazardous Component</u>	<u>%</u>	<u>Threshold Limit Value</u>	<u>TXDS</u>
Basic Fuchsin	0.1%	N/AV	N/AV (Possible carcinogen)
Ethanol	10%	1000 ppm	N/AV

Effects of Overexposure (Acute and Chronic):

Possible carcinogen.

May be irritating if inhaled. May cause inebriation, headache, nausea, vomiting, drowsiness.

Cannot be made non-poisonous.

Carcinogenicity: These products do not contain any carcinogens at 0.1% or greater.

First Aid Procedure:

Skin Contact: Wash with soap and copious amounts of water.

Eye Contact: Flush with copious of water for at least 15 minutes.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration; if breathing is difficult, give oxygen; seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

In all cases of overexposure seek medical attention.

Wash contaminated clothing before reuse.

SECTION 7: SPILL OR LEAK PROCEDURES AND DISPOSAL

Steps to be taken if Material is Released or Spilled:

Pick up using an absorbent material. Wash spill area after pick up.

Waste Disposal Method:

Observe all local, provincial, state, and federal regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

Provide adequate general mechanical and local exhaust ventilation.

Avoid prolonged or repeated inhalation of vapor.

Protect eyes, skin, and clothing with safety goggles and gloves.

Wash thoroughly after handling.

SECTION 9: SPECIAL HANDLING AND STORAGE PRECAUTIONS

Keep container tightly closed. Protect against physical damage. Store in a cool, dry place.

SECTION 10: MSDS PREPARATION AND INFORMATION

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Revised By: Charissa H. Bolind

Authorized Signature: _____


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