

MATERIAL SAFETY DATA SHEET



Conforms to 93/112/EC and ISO 11014-1

1. Chemical Product and Company Identification

Product Name: Basic Fuchsin

Product Number: HS-518

Chemical Names/

Description:

Rosaniline Chloride, Magenta, Color Index: 42510

Manufacturer

National Diagnostics
305 Patton Drive
Atlanta, GA 30336

Telephone Numbers

(800) 526-3867
(404) 699-2121

Emergency Numbers

Chemtrec

(800) 424-9300 (U.S. & Canada)
01-703-527-3887 (outside U.S. & Canada)

2. Composition/Information on Ingredients

Component	% Comp.	CAS #	EINECS #	TLV (Units)
Basic Fuchsin	> 99	632-99-5		none established

3. Hazards Identification

Appearance and Odor

Metallic green lustrous crystals with a faint odor.

EMERGENCY OVERVIEW - IMMEDIATE HAZARD

CAUTION! MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION TO SKIN AND EYES. THE TOXICOLOGICAL PROPERTIES OF THIS SUBSTANCE HAVE NOT BEEN FULLY INVESTIGATED.

EMERGENCY OVERVIEW - CHRONIC HAZARD WARNING:

INFORMATION ON THE HUMAN HEALTH EFFECTS FROM EXPOSURE TO THIS SUBSTANCE IS LIMITED.

Potential Health Effects

Inhalation

No information found, but compound should be handled as a potential health hazard.

Ingestion

No information found, but compound should be handled as a potential health hazard.

Skin

May cause irritation, redness and pain.

Eyes

May cause irritation, redness and pain.

Signs and Symptoms of Overexposure**Inhalation**

No information found, but compound should be handled as a potential health hazard.

Ingestion

No information found, but compound should be handled as a potential health hazard.

Skin

May cause irritation, redness and pain.

Eyes

May cause irritation, redness and pain.

Carcinogenicity

No information found.

Mutagenicity

No information found.

Reproductive Toxicity

No information found.

Teratogenic Effects

No information found.

Routes of Entry

No information found.

Target Organ Statement

No information found.

4. First Aid Measures**Inhalation**

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

Skin

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eyes

Immediately flush eyes with plenty of water for at least fifteen minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. Fire Fighting Measures

Flash Point	N/A	Flammable Limits	N/A
Flash Point Method	N/A	Autoignition temperature	N/A

Extinguishing media

Use any means suitable for extinguishing surrounding fire.

Protective Equipment

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Hazardous Combustion Products

Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

Unusual Fire and Explosion Hazards

Not considered an explosion hazard.

NFPA Codes: Health 1 Flammability 0 Reactivity 0

6. Accidental Release Measures

Steps to be taken in case material is released or spilled

Ventilate area. Keep unnecessary and unprotected people away from area of spill. Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

Waste Disposal Method

Disposal must be made in accordance with applicable federal, state, and local regulations.

Personal Precautions

Wear appropriate protective equipment as specified in section 8.

7. Handling and Storage

Handling

Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

Storage

Keep in a tightly closed container, stored in a cooled, dry, ventilated area. Protect from physical damage. Isolate from incompatible materials (section 10).

Storage Temperature

Room Temperature

Disposal

Observe all national, state, and local regulations regarding disposal.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits

Component: Basic Fuchsin

ACGIH Threshold Limit Value (TLV): none established

OSHA Permissible Exposure Limit

(PEL):

Engineering Controls

A system of local and/or general exhaust is recommended to keep employee exposures low. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source.

Respiratory Protection

For conditions of use where exposure to the substance is apparent, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

Eye Protection

Safety glasses.

Skin Protection

Wear protective gloves and clean body covering clothing.

Other Control Measures

There is insufficient data in the published literature to assign complete numerical safety ratings and laboratory protective equipment for this product. Special precautions must be used in storage, use and handling.

9. Physical Properties

Boiling point	No data	Evaporation Rate	No data
Melting point	250C	Solubility in water	soluble
Vapor pressure (mmHg)	No data	pH	No data
Vapor density (Air = 1)	No data	Specific gravity (H2O = 1)	1.22
% volatile by volume	0		

10. Stability and Reactivity

Stability

Stable under ordinary conditions of use and storage.

Conditions to Avoid

Incompatibles.

Hazardous Decomposition Products

Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen chloride.

Hazardous Polymerization

Will not occur

Incompatibles

Basic Fuchsin:

Strong oxidizers, acids

11. Toxicological Information

Product LD50 Values

Basic Fuchsin	Oral Rat LD50 (mg/kg):	No data
Basic Fuchsin	Dermal Rabbit LD50 (mg/kg):	No data

Component Cancer List Status

	NTP Carcinogen		
	Known	Anticipated	IARC Category

Basic Fuchsin

No

No

None

12. Ecological Information

Basic Fuchsin

No information found.

13. Disposal Considerations

Observe all national, state, and local regulations regarding disposal.

14. Transport Information

D.O.T.

Proper Shipping Name: Not regulated

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

I.A.T.A.

Proper Shipping Name: Not regulated

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

I.M.O.

Proper Shipping Name: Not regulated

Hazard Class: N/A

UN Number: N/A

Packing Group: N/A

15. Regulatory Information

United States

TSCA Regulatory Statement

All intentional ingredients are listed on the TSCA Inventory.

SARA 311/312 Hazard Categories

Component	Fire	Pressure	Reactivity	Acute	Chronic
Basic Fuchsin	No	No	No	Yes	No

Europe

EEC Regulatory

All intentional ingredients are listed on the European EINECS Inventory.

16. Other Information

NFPA Codes: **Health 1** **Flammability 0** **Reactivity 0**

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guarantee. Conditions of the use and suitability of the product for particular uses are beyond our control. All risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.