

1 Identification of substance:

- **Product details:**
- **Product name:** Basic Fuchsin
- **Catalog number:** 219120
- **Manufacturer/Supplier:**
BD Diagnostic Systems
7 Loveton Circle
Sparks, MD 21152
Tel: (410) 771-0100 or (800) 638-8663
- **Information department:** Technical Services
- **Emergency information:**
In case of a chemical emergency, spill, fire, exposure, or accident contact BD Diagnostic Systems at (410)771-0100 or (800)638-8663, or ChemTrec at (800)424-9300.
Tel: 32 53 720402

2 Composition/Data on components:

- **Chemical characterization:**
- **CAS No. Description:**
Not applicable
- **Identification number(s):**
- **EINECS Number:** 209-321-2
- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

569-61-9	basic fuchsin	100.0%
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3 Hazards identification

· **Hazard description:**



T Toxic

- **Information pertaining to particular dangers for man and environment**
R 45 May cause cancer.
- **NFPA ratings (scale 0-4)**



Health = 3
Fire = 0
Reactivity = 0

4 First aid measures

- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eye for 15 minutes under running water. Then consult a doctor.
- **After swallowing** Immediately call a doctor.

Printing date 07/01/2003

Reviewed on 05/13/2003

Product name: Basic Fuchsin*· Information for doctor Show this label.*

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5 Fire fighting measures

- Suitable extinguishing agents*
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Protective equipment: No special measures required.*

6 Accidental release measures

- Person-related safety precautions: Not required.*
- Measures for environmental protection: Wipe up with damp sponge or mop.*
- Measures for cleaning/collecting: Ensure adequate ventilation.*
- Additional information:*
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- Handling*
· Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
· Information about protection against explosions and fires: No special measures required.
- Storage*
· Requirements to be met by storerooms and receptacles: < 30 C
· Information about storage in one common storage facility: Store away from oxidizing agents.
· Further information about storage conditions: Store in cool, dry conditions in well sealed containers.

8 Exposure controls and personal protection

- Additional information about design of technical systems: No further data; see item 7.*
- Components with limit values that require monitoring at the workplace: Not required.*
- Additional information: The lists that were valid during the creation were used as basis.*
- Personal Protective Equipment*
· General protective and hygienic measures
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- Breathing equipment:*
In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.

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· Protection of hands:



Chemical resistant gloves (i.e. latex, nitrile, or equivalent).

· Eye protection: Safety glasses

· Body protection: Protective work clothing (lab coat).

9 Physical and chemical properties:

· General Information

Form:	Solid. Crystalline powder
Color:	Green
Odor:	Characteristic

· Change in condition

Melting point/Melting range: Not determined

Boiling point/Boiling range: Not determined

· Flash point: Not applicable

· Auto igniting: Product is not self igniting.

· Danger of explosion: Product does not present an explosion hazard.

· Vapor pressure: Not applicable

· Density: Not determined

· Solubility in / Miscibility with

Water: Partly soluble

· pH-value: Not applicable

· Solids content: 100 %

10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

· Dangerous reactions Reacts with oxidizing agents

· Dangerous products of decomposition:

Nitrogen oxides (NO_x)

Carbon monoxide (CO) and carbon dioxide (CO₂)

Hydrogen chloride (HCl)

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11 Toxicological information**· Acute toxicity:****· LD/LC50 values that are relevant for classification:****569-61-9 basic fuchsin**

Oral LD50 500 mg/kg (mou)

· Primary irritant effect:**· on the skin:** No irritating effect.**· on the eye:** Irritating effect.**· Sensitization:** No sensitizing effects known.**· Subacute to chronic toxicity:** Target organs: liver, and thyroid**· Additional toxicological information:**

The product can cause inheritable damage.

Carcinogenic

The product shows the following dangers according to internally approved calculation methods for preparations:

California Proposition 65 - Warning: This product contains a chemical known to the State of California to cause cancer.

12 Ecological information:**· Ecotoxicological effects:****· Other information:**

The ecological effects have not been thoroughly investigated, but currently none have been identified.

· General notes: Water danger class 3 (Assessment by list): extremely hazardous for water.**13 Disposal considerations****· Product:****· Recommendation**

Must not be disposed of with solid waste.

Must adhere to state and federal regulations.

Disposal must be made according to the regulations found in 40 CFR 261.

This product is not considered a RCRA hazardous waste.

· Uncleaned packagings:**· Recommendation:** Disposal must be made according to state and federal regulations.**14 Transport information****· DOT regulations:****· Hazard class:** -**· Land transport ADR/RID (cross-border)****· ADR/RID class:** -**· Maritime transport IMDG:****· IMDG Class:** -**· Marine pollutant:** No

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- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulations

- **SARA Section 355 (extremely hazardous substances)**

Substance is not listed.

- **SARA Section 313 (specific toxic chemical listings)**

Substance is not listed.

- **TSCA (Toxic Substances Control Act)**

Substance is listed.

- **California Proposition 65 - Chemicals known to cause cancer**

Substance is listed.

- **California Proposition 65 - Chemicals known to cause reproductive toxicity**

Substance is not listed.

- **Carcinogenicity categories**

- **IARC (International Agency for Research on Cancer)**

Substance is not listed.

- **NTP (National Toxicology Program)**

Substance is not listed.

- **TLV (Threshold Limit Value established by ACGIH)**

Substance is not listed.

- **MAK (German Maximum Workplace Concentration)**

Substance is not listed.

- **Product related hazard informations:**

The product has been classified and marked in accordance with regulations on hazardous materials.

- **Hazard symbols:**

T Toxic

- **Hazard-determining components of labelling:**

basic fuchsin

- **Risk phrases:**

45 May cause cancer.

- **Safety phrases:**

53 Avoid exposure - obtain special instructions before use.

45 In case of accident or if you feel unwell, seek medical advice immediately.

60 This material and its container must be disposed of as hazardous waste.

- **National regulations**

- **Water hazard class:** Water danger class 3 (Assessment by list): extremely hazardous for water.

USA

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Material Safety Data Sheet
acc. to ISO/DIS 11014

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16 Other information:

To the best of our knowledge, the information contained herein is accurate. However, neither BD or any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

- **Department issuing MSDS:** Safety and Environment Department
- **Contact:** Technical Service Representative

USA