

Becton, Dickinson  
and Company  
BD, Franklin Lakes,  
NJ 07417 USA  
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# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

### Product identifier

| Product No.: | Product name:                                | Common name(s),<br>synonym(s) |
|--------------|--|-------------------------------|
| 231601       | BD BBL™ Sensi-Disc™ Trimethoprim 5 µg, 10 Ea | No data available             |

### Recommended restrictions

**Recommended use:** Scientific and industrial laboratory use. For In Vitro Diagnostic Use.  
**Restrictions on use:** None known.

### Manufacturer/Importer/Distributor Information

#### Manufacturer

**Company Name:** BD, Integrated Diagnostic Solutions  
**Address:** 7 Loveton Circle  
Sparks, MD 21152  
USA

**Telephone:** 1 844 823 5433  
**Fax:** not available  
**Contact Person:** Business Unit Product Stewardship Team  
**E-mail:** IDS\_SDS@bd.com

**Emergency telephone number:** CHEMTREC 1 800 424 9300

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

Acute toxicity (Inhalation - dust and mist) Category 4

### Label Elements

#### Hazard Symbol:



**Signal Word:** Warning



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**Hazard Statement:** H332: Harmful if inhaled.

**Precautionary Statements**

**Prevention:** P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271: Use only outdoors or in a well-ventilated area.

**Response:** P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTER/doctor if you feel unwell.

**Disposal:** P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

**Other hazards which do not result in GHS classification:** None.

### 3. Composition/information on ingredients

#### Substances

| Chemical Identity | Common name and synonyms | CAS number | Content in percent (%) <sup>*</sup> |
|-------------------|--------------------------|------------|-------------------------------------|
| trimethoprim      | No data available.       | 738-70-5   | 100%                                |

<sup>\*</sup> All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

#### Description of first aid measures

**General information:** Get medical attention if symptoms occur. Harmful if inhaled.

**Inhalation:** Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

**Skin Contact:** Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.



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**Ingestion:** Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

**Personal Protection for First-aid Responders:** No data available.

**Most important symptoms and effects, both acute and delayed**

**Symptoms:** No data available.

**Hazards:** Harmful if inhaled.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** No data available.

**5. Fire-fighting measures**

**General Fire Hazards:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Use water spray to keep fire-exposed containers cool.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Water spray, foam, dry powder or carbon dioxide. Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**Special hazards arising from the substance or mixture:** Fire or excessive heat may produce hazardous decomposition products.

**Special protective equipment and precautions for fire-fighters**

**Special fire-fighting procedures:** No unusual fire or explosion hazards noted.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Contact local authorities in case of spillage to drain/aquatic environment. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

**Accidental release measures:** No data available.



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**Methods and material for containment  
and cleaning up:**

Absorb spillage with suitable absorbent material. Prevent runoff from entering drains, sewers, or streams. See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.

**Environmental Precautions:**

Avoid release to the environment.

**7. Handling and storage**

**Handling**

**Technical measures:**

No data available.

**Local/Total ventilation:**

No data available.

**Safe handling advice:**

When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.

**Contact avoidance measures:**

No data available.

**Storage**

**Safe storage conditions:**

Store in a cool, dry place. Keep container tightly closed.

**Safe packaging materials:**

No data available.

**8. Exposure controls/personal protection**

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

No biological exposure limits noted for the ingredient(s).

**Appropriate Engineering Controls**

No special requirements under ordinary conditions of use and with adequate ventilation.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:**

Wear safety glasses with side shields (or goggles).

**Skin Protection**

**Hand Protection:**

Material: Chemical resistant gloves

Additional Information: Wash hands after contact. Material: Suitable gloves can be recommended by the glove supplier.



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|                                  |   |
|----------------------------------|---|
| <b>Skin and Body Protection:</b> | Wear a lab coat or similar protective clothing.   |
| <b>Respiratory Protection:</b>   | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. |
| <b>Hygiene measures:</b>         | Observe good industrial hygiene practices.  |

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### Appearance

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Physical state:</b> | solid                               |
| <b>Form:</b>           | Solid                               |
| <b>Color:</b>          | According to product specification. |
| <b>Odor:</b>           | Characteristic                      |
| <b>Odor Threshold:</b> | No data available.                  |
| <b>Melting Point:</b>  | No data available.                  |
| <b>Boiling Point:</b>  | No data available.                  |
| <b>Flammability:</b>   | No data available.                  |

#### Upper/lower limit on flammability or explosive limits

|                                   |                    |
|-----------------------------------|--------------------|
| <b>Explosive limit - upper:</b>   | No data available. |
| <b>Explosive limit - lower:</b>   | No data available. |
| <b>Flash Point:</b>               | Not applicable     |
| <b>Auto-ignition temperature:</b> | No data available. |

|                                   |                    |
|-----------------------------------|--------------------|
| <b>Decomposition Temperature:</b> | No data available. |
| <b>pH:</b>                        | No data available. |

#### Viscosity

|                             |                    |
|-----------------------------|--------------------|
| <b>Dynamic viscosity:</b>   | Not determined.    |
| <b>Kinematic viscosity:</b> | Not determined.    |
| <b>Flow Time:</b>           | No data available. |

#### Solubility(ies)

|                             |                    |
|-----------------------------|--------------------|
| <b>Solubility in Water:</b> | Completely Soluble |
| <b>Solubility (other):</b>  | No data available. |



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|   |   |
|---|---|
| <b>Partition coefficient (n-octanol/water):</b> | No data available.  |
| <b>Vapor pressure:</b>                          | No data available.  |
| <b>Relative density:</b>                        | No data available.  |
| <b>Density:</b>                                 | No data available.  |
| <b>Bulk density:</b>                            | No data available.  |
| <b>Vapor density (air=1):</b>                   | No data available.  |
| <b>Particle characteristics</b>                 |   |
| <b>Particle Size:</b>                           | No data available.  |
| <b>Particle Size Distribution:</b>              | No data available.  |
| <b>Specific surface area:</b>                   | No data available.  |
| <b>Surface charge/Zeta potential:</b>           | No data available.  |
| <b>Shape:</b>                                   | No data available.  |
| <b>Crystallinity:</b>                           | No data available.  |
| <b>Surface treatment:</b>                       | No data available.  |
| <b>Other information</b>                        |   |
| <b>Metal Corrosion:</b>                         | Non-corrosive per US Department of Transportation testing protocol. |

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Reactivity:</b>                         | Material is stable under normal conditions.             |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions.             |
| <b>Possibility of hazardous reactions:</b> | Stable  |
| <b>Conditions to avoid:</b>                | Avoid exposure to high temperatures or direct sunlight. |
| <b>Incompatible Materials:</b>             | Metals. Water reactive material.                        |
| <b>Hazardous Decomposition Products:</b>   | Stable; however, may decompose if heated.               |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |
| <b>Ingestion:</b>    | No data available. |



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### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation:** No data available.  
**Skin Contact:** No data available.  
**Eye contact:** No data available.  
**Ingestion:** No data available.

### Acute toxicity (list all possible routes of exposure)

#### Oral

**Product:** Not classified for acute toxicity based on available data.  
**Components:**  
trimethoprim LD 50, Rat, > 5,300 mg/kg

#### Dermal

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

#### Inhalation

**Product:** ATEmix, 1.5 mg/l, Dust and mist  
Harmful if inhaled.  
**Components:**  
trimethoprim No data available.

#### Repeated dose toxicity

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

#### Skin Corrosion/Irritation

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

#### Serious Eye Damage/Eye Irritation

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

#### Respiratory or Skin Sensitization

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

#### Carcinogenicity

**Product:** No data available.  
**Components:**  
trimethoprim No data available.



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**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended:**

No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**In vivo**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**Reproductive toxicity**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**Aspiration Hazard**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**Information on health hazards**

**Other hazards**

**Product:** No data available.

**12. Ecological information**

**Ecotoxicity:**

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Components:**  
trimethoprim No data available.



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**Toxicity to microorganisms**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**Aquatic Invertebrates**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**Aquatic Invertebrates**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**BOD/COD Ratio**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.  
**Components:**  
trimethoprim No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** , No data available.  
**Components:**



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trimethoprim No data available.

**Mobility in soil:**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**Results of PBT and vPvB assessment:**

**Product:** No data available.

**Components:**  
trimethoprim No data available.

**Other adverse effects:**

**Other hazards**  
**Product:** No data available.

**13. Disposal considerations**

**General information:** Dispose of waste and residues in accordance with local authority requirements.

**Disposal methods:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**14. Transport information**

**DOT**  
Not Regulated.

**IATA**  
Not Regulated.

**IMDG**  
Not Regulated.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
Not applicable for product as supplied.

**15. Regulatory information**



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## US Federal Regulations

### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

### **US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

None present or none present in regulated quantities.

### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended**

None present or none present in regulated quantities.

### **CERCLA Hazardous Substance List (40 CFR 302.4):**

None present or none present in regulated quantities.

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

#### **Hazard categories**

Acute toxicity (any route of exposure)

### **US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

None present or none present in regulated quantities.

### **US. EPCRA (SARA Title III Section 313 Toxic Chemical Release Inventory (TRI) Reporting**

None present or none present in regulated quantities.

### **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

None present or none present in regulated quantities.

### **Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

## US State Regulations

### **US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

## International regulations

### **Montreal protocol**

Not applicable

### **Stockholm convention**

Not applicable

### **Rotterdam convention**

Not applicable



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**Kyoto protocol**  
Not applicable

## 16. Other information, including date of preparation or last revision

**Version #:** 1.3  
**Generation date:** 01/28/2025  
**Date of first report version:** 04/18/2014

### Abbreviations and acronyms:

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EC<sub>x</sub> - Concentration associated with x% response; EHS - Extremely Hazardous Substance; EL<sub>x</sub> - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErC<sub>x</sub> - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC<sub>50</sub> - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC<sub>50</sub> - Lethal Concentration to 50 % of a test population; LD<sub>50</sub> - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Source of information:** European Chemicals Agency (ECHA): Information on Chemicals.

**Further Information:** No data available.



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