



**Becton, Dickinson and Company**  
BD, Franklin Lakes, NJ  
07417 USA  
www.bd.com

# SAFETY DATA SHEET

## 1. Identification

### Product identifier

| Product No.: | Product name:                          | Common name(s), synonym(s) |
|--------------|----------------------------------------|----------------------------|
| 211759       | Bottle Lysine Decarboxylase Broth 500G |                            |

### Other means of identification

**SDS number:** 088100176526

### Recommended use and restriction on use

**Recommended use:** Laboratory Chemicals

**Restrictions on use:** None known.

### Manufacturer/Importer/Supplier/Distributor Information

#### Manufacturer

Company Name: BD Diagnostic Systems  
Address: 7 Loveton Circle  
21152 Sparks, MD USA  
Telephone: 1 410 771 0100 or 1 800 638 8663  
Fax:  
Contact Person: Tech Services

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

## 2. Hazard(s) identification

### Hazard Classification

Not classified

### Label Elements

**Hazard Symbol:** No symbol  
**Signal Word:** No signal word.  
**Hazard Statement:** Not applicable  
**Precautionary Statements** Not applicable

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

## 3. Composition/information on ingredients



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## Mixtures

**Composition Comments:** The components are not hazardous or are below required disclosure limits.

### 4. First-aid measures

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

**Ingestion:** Get medical attention if symptoms occur.

**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:** Flush thoroughly with water. If irritation occurs, get medical assistance.

#### Most important symptoms/effects, acute and delayed

**Symptoms:** No data available.

#### 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, fog, CO<sub>2</sub>, dry chemical, or alcohol resistant foam.

**Unsuitable extinguishing media:** None known.

**Specific hazards arising from the chemical:** None known.

#### Special protective equipment and precautions for firefighters

**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.



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## 6. Accidental release measures

|                                                                             |                                                                                                |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures:</b> | No special precautionary health measures should be needed under anticipated conditions of use. |
| <b>Methods and material for containment and cleaning up:</b>                | No specific clean-up procedure noted.                                                          |
| <b>Environmental Precautions:</b>                                           | Avoid release to the environment.                                                              |

## 7. Handling and storage

|                                                                      |                                                                                                                                       |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Precautions for safe handling:</b>                                | When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required. |
| <b>Conditions for safe storage, including any incompatibilities:</b> | Store in a cool, dry place. Keep container tightly closed.                                                                            |

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

#### Appropriate Engineering Controls

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

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

|                                |                                                                                                                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information:</b>    | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. |
| <b>Eye/face protection:</b>    | Wear safety glasses with side shields (or goggles).                                                                                                                                                                                                |
| <b>Skin Protection</b>         |                                                                                                                                                                                                                                                    |
| <b>Hand Protection:</b>        | Chemical resistant gloves Suitable gloves can be recommended by the glove supplier. Wash hands after contact.                                                                                                                                      |
| <b>Other:</b>                  | Wear a lab coat or similar protective clothing.                                                                                                                                                                                                    |
| <b>Respiratory Protection:</b> | Respiratory protection not required.                                                                                                                                                                                                               |
| <b>Hygiene measures:</b>       | Observe good industrial hygiene practices.                                                                                                                                                                                                         |



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## 9. Physical and chemical properties

### Appearance

|                                                       |                            |
|-------------------------------------------------------|----------------------------|
| Physical state:                                       | solid                      |
| Form:                                                 | Solid or Flake             |
| Color:                                                | Colorless                  |
| Odor:                                                 | No data available.         |
| Odor threshold:                                       | No data available.         |
| pH:                                                   | No data available.         |
| Melting point/freezing point:                         | No data available.         |
| Initial boiling point and boiling range:              | No data available.         |
| Flash Point:                                          | Not applicable             |
| Evaporation rate:                                     | No data available.         |
| Flammability (solid, gas):                            | No data available.         |
| Upper/lower limit on flammability or explosive limits |                            |
| Flammability limit - upper (%):                       | No data available.         |
| Flammability limit - lower (%):                       | No data available.         |
| Explosive limit - upper (%):                          | No data available.         |
| Explosive limit - lower (%):                          | No data available.         |
| Vapor pressure:                                       | No data available.         |
| Vapor density:                                        | No data available.         |
| Relative density:                                     | No data available.         |
| Solubility(ies)                                       |                            |
| Solubility in water:                                  | Completely Soluble         |
| Solubility (other):                                   | Water.: No data available. |
| Partition coefficient (n-octanol/water):              | No data available.         |
| Auto-ignition temperature:                            | No data available.         |
| Decomposition temperature:                            | No data available.         |
| Viscosity:                                            | Not determined.            |

## 10. Stability and reactivity

|                                     |                                                                 |
|-------------------------------------|-----------------------------------------------------------------|
| Reactivity:                         | Stable under normal temperature conditions and recommended use. |
| Chemical Stability:                 | Material is stable under normal conditions.                     |
| Possibility of hazardous reactions: | Not known.                                                      |
| Conditions to avoid:                | Avoid exposure to high temperatures or direct sunlight.         |
| Incompatible Materials:             | Strong oxidizers.                                               |



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|                                          |            |
|------------------------------------------|------------|
| <b>Hazardous Decomposition Products:</b> | Not known. |
|------------------------------------------|------------|

|                                      |
|--------------------------------------|
| <b>11. Toxicological information</b> |
|--------------------------------------|

|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| <b>General information:</b> | No data on possible toxicity effects have been found. |
|-----------------------------|-------------------------------------------------------|

**Information on likely routes of exposure**

|                   |                                                                           |
|-------------------|---------------------------------------------------------------------------|
| <b>Ingestion:</b> | No harmful effects expected in amounts likely to be ingested by accident. |
|-------------------|---------------------------------------------------------------------------|

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| <b>Inhalation:</b> | Limited inhalation hazard at normal work temperatures. |
|--------------------|--------------------------------------------------------|

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| <b>Skin Contact:</b> | Negligible irritation to skin at ambient temperatures. |
|----------------------|--------------------------------------------------------|

|                     |                     |
|---------------------|---------------------|
| <b>Eye contact:</b> | Do not get in eyes. |
|---------------------|---------------------|

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

|                   |                    |
|-------------------|--------------------|
| <b>Ingestion:</b> | No data available. |
|-------------------|--------------------|

|                    |                    |
|--------------------|--------------------|
| <b>Inhalation:</b> | No data available. |
|--------------------|--------------------|

|                      |                    |
|----------------------|--------------------|
| <b>Skin Contact:</b> | No data available. |
|----------------------|--------------------|

|                     |                    |
|---------------------|--------------------|
| <b>Eye contact:</b> | No data available. |
|---------------------|--------------------|

**Information on toxicological effects**

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

**Oral**

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | No data available. |
|-----------------|--------------------|

**Dermal**

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | No data available. |
|-----------------|--------------------|

**Inhalation**

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | No data available. |
|-----------------|--------------------|

**Repeated dose toxicity**

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | No data available. |
|-----------------|--------------------|

**Skin Corrosion/Irritation**

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | No data available. |
|-----------------|--------------------|

**Serious Eye Damage/Eye Irritation**

|                 |                    |
|-----------------|--------------------|
| <b>Product:</b> | No data available. |
|-----------------|--------------------|



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#### **Respiratory or Skin Sensitization**

**Product:** No data available.

#### **Carcinogenicity**

**Product:** No data available.

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

No carcinogenic components identified

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

No carcinogenic components identified

#### **US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

#### **Germ Cell Mutagenicity**

##### **In vitro**

**Product:** No data available.

##### **In vivo**

**Product:** No data available.

#### **Reproductive toxicity**

**Product:** No data available.

#### **Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

#### **Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

#### **Aspiration Hazard**

**Product:** No data available.

**Other effects:** None known.

## **12. Ecological information**

### **Ecotoxicity:**

#### **Acute hazards to the aquatic environment:**

##### **Fish**

**Product:** No negative effects on the aquatic environment are known.



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**Aquatic Invertebrates**

**Product:** No negative effects on the aquatic environment are known.

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No negative effects on the aquatic environment are known.

**Aquatic Invertebrates**

**Product:** No negative effects on the aquatic environment are known.

**Toxicity to Aquatic Plants**

**Product:** No negative effects on the aquatic environment are known.

**Persistence and Degradability**

**Biodegradation**

**Product:** Expected to be readily biodegradable.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log K<sub>ow</sub>)**

**Product:** Log K<sub>ow</sub>: No data available.

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

**Other adverse effects:** The product is not expected to be hazardous to the environment.

|                                    |
|------------------------------------|
| <b>13. Disposal considerations</b> |
|------------------------------------|

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

**Disposal instructions:** No specific disposal method required.

**Contaminated Packaging:** No data available.



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## 14. Transport information

|                               |                |
|-------------------------------|----------------|
| DOTUN Number:                 | Not regulated. |
| UN Proper Shipping Name:      | Not regulated. |
| Transport Hazard Class(es)    |                |
| Class:                        | Not regulated. |
| Label(s):                     | Not regulated. |
| Packing Group:                | Not regulated. |
| Marine Pollutant:             | Not regulated. |
| Limited quantity              | Not regulated. |
| Excepted quantity             | Not regulated. |
| Special precautions for user: | Not regulated. |

### IMDG

|                               |                |
|-------------------------------|----------------|
| UN Number:                    | Not regulated. |
| UN Proper Shipping Name:      | Not regulated. |
| Transport Hazard Class(es)    |                |
| Class:                        | Not regulated. |
| Subsidiary risk:              | Not regulated. |
| EmS No.:                      | Not regulated. |
| Packing Group:                | Not regulated. |
| Environmental Hazards         |                |
| Marine Pollutant:             | Not regulated. |
| Special precautions for user: | Not regulated. |

### IATA

|                               |                |
|-------------------------------|----------------|
| UN Number:                    | Not regulated. |
| Proper Shipping Name:         | Not regulated. |
| Transport Hazard Class(es):   |                |
| Class:                        | Not regulated. |
| Subsidiary risk:              | Not regulated. |
| Packing Group:                | Not regulated. |
| Environmental Hazards         |                |
| Marine pollutant:             | Not regulated. |
| Special precautions for user: | Not regulated. |

## 15. Regulatory information

### US Federal Regulations

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

None present or none present in regulated quantities.

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.



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**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**

Not classified

Not classified

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

None present or none present in regulated quantities.

**SARA 311/312 Hazardous Chemical**

None present or none present in regulated quantities.

**SARA 313 (TRI Reporting)**

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.

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

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and Community Right-to-Know Act**

No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

|                                                                              |
|------------------------------------------------------------------------------|
| <b>16. Other information, including date of preparation or last revision</b> |
|------------------------------------------------------------------------------|

**Issue Date:** 07/09/2018

**Version #:** 1.1



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**Revision Information:** No data available.

**Further Information:** No data available.

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