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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), synonym(s) |
|---|---|---|
| 211519 | Phenol Red Lactose Broth | No data available |

### Recommended restrictions

**Recommended use:** Laboratory Chemicals

**Restrictions on use:** None known.

### Manufacturer/Importer/Distributor Information

#### Manufacturer

| | |
|---|---|
| Company Name: | BD, Integrated Diagnostic Solutions |
| Address: | 7 Loveton Circle<br>Sparks, MD 21152<br>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

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## 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

**Mixtures**

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

## 4. First-aid measures

**Description of first aid measures**

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

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| | |
|---|---|
| **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. |
| **Ingestion:** | Get medical attention if symptoms occur. |
| **Personal Protection for First-aid Responders:** | No data available. |

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

| | |
|---|---|
| **Symptoms:** | No specific symptoms noted. |
| **Hazards:** | No data available. |

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

| | |
|---|---|
| **Treatment:** | IF exposed or concerned: Get medical advice/attention. |

## 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. |

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**Suitable (and unsuitable) extinguishing media**

| | |
|---|---|
| **Suitable extinguishing media:** | Water spray, fog, CO2, dry chemical, or alcohol resistant foam. |
| **Unsuitable extinguishing media:** | None known. |
| **Special hazards arising from the substance or mixture:** | None known. |

**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:** | No special precautionary health measures should be needed under anticipated conditions of use. |
| **Accidental release measures:** | No data available. |
| **Methods and material for containment and cleaning up:** | No specific clean-up procedure noted. |

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**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

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### 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

**Skin and Body Protection:** — Wear a lab coat or similar protective clothing.

**Respiratory Protection:** — Respiratory protection not required.

**Hygiene measures:** — Observe good industrial hygiene practices.

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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance**

| | |
|---|---|
| **Physical state:** | solid |
| **Form:** | solid |
| **Color:** | According to product specification. |
| **Odor:** | Characteristic |
| **Odor Threshold:** | No data available. |
| **Melting Point:** | No data available. |
| **Boiling Point:** | No data available. |
| **Flammability:** | No data available. |

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

| | |
|---|---|
| **Explosive limit - upper:** | No data available. |
| **Explosive limit - lower:** | No data available. |
| **Flash Point:** | Not applicable |
| **Autoignition Temperature:** | No data available. |
| **Decomposition Temperature:** | No data available. |
| **pH:** | No data available. |

**Viscosity**

| | |
|---|---|
| **Dynamic viscosity:** | Not determined. |

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| | |
|---|---|
| **Kinematic viscosity:** | Not determined. |
| **Flow Time:** | No data available. |

**Solubility(ies)**

| | |
|---|---|
| **Solubility in Water:** | Completely Soluble |
| **Solubility (other):** | No data available. |
| **Partition coefficient (n-octanol/water):** | No data available. |
| **Vapor pressure:** | No data available. |
| **Relative density:** | No data available. |
| **Density:** | No data available. |
| **Bulk density:** | No data available. |
| **Vapor density (air=1):** | No data available. |

**Other information**

| | |
|---|---|
| **Metal Corrosion:** | Non-corrosive per US Department of Transportation testing protocol. |

## 10. Stability and reactivity

| | |
|---|---|
| **Reactivity:** | Material is stable under normal conditions. |
| **Chemical Stability:** | Material is stable under normal conditions. |

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| | |
|---|---|
| **Possibility of hazardous reactions:** | Not known. |
| **Conditions to avoid:** | Avoid exposure to high temperatures or direct sunlight. |
| **Incompatible Materials:** | Strong oxidizers. |
| **Hazardous Decomposition Products:** | Not known. |

## 11. Toxicological information

**General information:** No information about adverse effects due to exposure.

**Information on likely routes of exposure**

| | |
|---|---|
| **Inhalation:** | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| **Skin Contact:** | Negligible irritation to skin at ambient temperatures. |
| **Eye contact:** | Do not get in eyes. |
| **Ingestion:** | In the event of inhalation (ingestion), seek medical attention immediately |

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

**Oral**

**Product:** No data available.

**Dermal**

**Product:** No data available.

**Inhalation**

**Product:** No data available.

**Repeated dose toxicity**

**Product:** No data available.

**Skin Corrosion/Irritation**

**Product:** No data available.

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Carcinogenicity**

**Product:** 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

**ACGIH: US.ACGIH Threshold Limit Values:**

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 1910.1001-1050), as amended:**

No carcinogens present or none present in regulated quantities

**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.

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### Aspiration Hazard

**Product:** No data available.

### Information on health hazards

### Other hazards

**Product:** No data available.

## 12. Ecological information

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

### Fish

**Product:** No data available.

### Aquatic Invertebrates

**Product:** No data available.

### Toxicity to Aquatic Plants

**Product:** No data available.

### Toxicity to microorganisms

**Product:** No data available.

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**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Aquatic Invertebrates**

**Product:** No data available.

**Toxicity to microorganisms**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

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

**Product:** No data available.

**Mobility in soil:**

**Product** No data available.

**Results of PBT and vPvB assessment:**

**Product** 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:** No specific disposal method required.

**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.

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## 14. Transport information

Environmental Hazards

| | |
|---|---|
| Environmentally Hazardous: | No |
| Marine Pollutant: | No |

**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

**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.

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

Not classified

**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.

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### 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

#### Kyoto protocol

Not applicable

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

**Issue Date:** 04/17/2014

**Version #:** 2.2

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**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); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - 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; IC50 - 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; LC50 - Lethal Concentration to 50 % of a test population; LD50 - 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

**Further Information:** No data available.

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