



**Material Safety Data Sheet**  
*acc. to ISO/DIS 11014*

Printing date 08/03/2004

Reviewed on 11/11/2003

**1 Identification of substance:**

- **Product name:** *Nutrient Broth*
- **Catalog number:** *231000*
  
- **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, s*



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### 5 Fire fighting measures

- **Suitable extinguishing agents**  
CO<sub>2</sub>, ABC multipurpose dry chemical 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:** No special measures required.
- **Additional information:** No dangerous substances are released.

### 7 Handling and storage

- **Handling**
  - **Information for safe handling:** No special measures required.
  - **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:** None.

### 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:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal Protective Equipment**
  - **General protective and hygienic measures**  
The usual precautionary measures for handling chemicals should be followed.
  - **Breathing equipment:**  
In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respirator.
  - **Protection of hands:**



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

- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing (lab coat).

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## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Solid. Powder
<b>Color:</b>	Beige
<b>Odor:</b>	Characteristic

<b>· Change in condition</b>	Undetermined
<b>· Melting point/Melting range:</b>	Not determined
<b>· Boiling point/Boiling range:</b>	Not determined

<b>· Flash point:</b>	Not applicable
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<b>· Auto igniting:</b>	Product is not self igniting.
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<b>· Danger of explosion:</b>	Product does not present an explosion hazard.
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<b>· Density:</b>	Not determined
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<b>· Solubility in / Miscibility with Water:</b>	Soluble
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<b>· pH-value:</b>	6.8 +/- 0.2
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## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
  - **on the skin:** No irritating effect.
  - **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information:

- **Ecotoxicological effects:**
- **Other information:**  
The ecological effects have not been thoroughly investigated, but currently none have been identified.
- **General notes:** Generally not hazardous for water.

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## 13 Disposal considerations

- **Product:**
- **Recommendation**  
Smaller quantities can be disposed of with solid waste.  
Dispose of material in accordance with federal (40 CFR 261), state and local requirements.  
This product is not considered a RCRA hazardous waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to state and federal regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:**  
If a dashed line appears in the Hazard Class section for the type of transportation, this indicates the product is not regulated for transportation. However, if a Hazard Class Number is listed the product is regulated.

## 15 Regulations

- **SARA Section 355 (extremely hazardous substances)**  
None of the ingredients is listed.
- **SARA Section 313 (specific toxic chemical listings)**  
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act)**  
None of the ingredients is listed.
- **California Proposition 65 - Chemicals known to cause cancer**  
None of the ingredients is listed.
- **California Proposition 65 - Chemicals known to cause reproductive toxicity**  
None of the ingredients is listed.
- **Carcinogenicity categories**
- **IARC (International Agency for Research on Cancer)**  
None of the ingredients is listed.

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**· NTP (National Toxicology Program)***None of the ingredients is listed.***· TLV (Threshold Limit Value established by ACGIH)***None of the ingredients is listed.***· Product related hazard information:***Observe the general safety regulations when handling chemicals**The product is not subject to identification regulations pertaining to regulations on hazardous materials.***· National regulations****· Water hazard class:** *Generally not hazardous for water.***16 Other information:**

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

USA