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# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
244620	LB Broth, Miller	No data available

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Identified uses:** Laboratory Chemicals

**Uses advised against:** None known.

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

BD Diagnostic Systems Europe  
11, rue Aristide Bergès  
Le Pont de Claix 38800  
France

**Telephone:** 33 476 68 36 36

**Contact Person:** BD Diagnostic Systems Europe - Regulatory Compliance Department

**E-mail:** msds\_europe@bd.com

### 1.4 Emergency telephone number: CHEMTREC 1 800 424 9300

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

**Classification according to Regulation (EC) No 1272/2008 as amended.**

Not classified

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**2.2 Label Elements** Not applicable

**2.3 Other hazards** No data available.

### **SECTION 3: Composition/information on ingredients**

#### **3.2 Mixtures**

No hazardous ingredients.

##### **General information:**

Regulation No. 1272/2008.

### **SECTION 4: First aid measures**

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

#### **4.1 Description of first aid measures**

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

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

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

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

**4.2 Most important symptoms and effects, both acute and delayed:** No data available.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**Hazards:** No data available.

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**Treatment:** No data available.

## SECTION 5: Firefighting measures

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

**5.1 Extinguishing media Suitable extinguishing media:** Water spray, fog, CO<sub>2</sub>, dry chemical, or alcohol resistant foam.

**Unsuitable extinguishing media:** None known.

**5.2 Special hazards arising from the substance or mixture:** None known.

**5.3 Advice 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.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:** No special precautionary health measures should be needed under anticipated conditions of use.

**6.2 Environmental Precautions:** Avoid release to the environment.

**6.3 Methods and material for containment and cleaning up:** No specific clean-up procedure noted.

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**6.4 Reference to other sections:** No data available.

## **SECTION 7: Handling and storage:**

**7.1 Precautions for safe handling:** When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.

**7.2 Conditions for safe storage, including any incompatibilities:** Store in a cool, dry place. Keep container tightly closed.

**7.3 Specific end use(s):** Reserved for industrial and professional use.

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control Parameters**

#### **Occupational Exposure Limits**

None of the components have assigned exposure limits.

#### **Biological Limit Values**

None.

### **8.2 Exposure controls**

#### **Appropriate**

#### **Engineering Controls:**

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

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

#### **General information:**

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.

#### **Eye/face protection:**

Wear safety glasses with side shields (or goggles).

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<b>Skin protection</b>	
<b>Hand Protection:</b>	Chemical resistant gloves
<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.
<b>Environmental Controls:</b>	No data available.

## SECTION 9: Physical and chemical properties

### 9.1 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>pH:</b>	No data available.
<b>Melting Point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density (air=1):</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Completely Soluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.

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<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>SADT:</b>	No data available.
<b>Viscosity:</b>	Not determined.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

## 9.2 Other information

<b>Molecular weight:</b>	No data available.
<b>VOC Content:</b>	No data available.
<b>Bulk density:</b>	No data available.
<b>Dust Explosion Limit, Upper:</b>	No data available.
<b>Dust Explosion Limit, Lower:</b>	No data available.
<b>Dust Explosion Description</b>	No data available.
<b>Number Kst:</b>	
<b>Minimum ignition energy:</b>	No data available.
<b>Minimum ignition temperature:</b>	No data available.
<b>Metal Corrosion:</b>	No data available.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Material is stable under normal conditions.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Not known.
<b>10.4 Conditions to avoid:</b>	Avoid exposure to high temperatures or direct sunlight.
<b>10.5 Incompatible Materials:</b>	Strong oxidizers.
<b>10.6 Hazardous Decomposition Products:</b>	Not known.

## SECTION 11: Toxicological information

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**General information:** No data on possible toxicity effects have been found.

**Information on likely routes of exposure**

**Inhalation:** Limited inhalation hazard at normal work temperatures.

**Ingestion:** No harmful effects expected in amounts likely to be ingested by accident.

**Skin Contact:** Negligible irritation to skin at ambient temperatures.

**Eye contact:** Do not get in eyes.

**11.1 Information on toxicological effects**

**Acute toxicity**

**Oral**

**Product:** Not classified for acute toxicity based on available data.

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Repeated dose toxicity**

**Product:** No data available.

**Skin**

**Corrosion/Irritation:**

**Product:** No data available.

**Serious Eye  
Damage/Eye  
Irritation:**

**Product:** No data available.

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**Respiratory or Skin  
Sensitization:**

**Product:** No data available.

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Carcinogenicity**

**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 adverse effects:** None known.

**SECTION 12: Ecological information**



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## 12.1 Toxicity

### Acute toxicity

#### Fish

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

#### Aquatic Invertebrates

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

### Chronic Toxicity

#### 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.

## 12.2 Persistence and Degradability

### Biodegradation

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

### BOD/COD Ratio

**Product:** No data available.

## 12.3 Bioaccumulative potential

**Product:** No data available.

## 12.4 Mobility in soil:

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**Product:** No data available.

#### **12.5 Results of PBT and vPvB assessment:**

**Product:** No data available.

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

### **SECTION 13: Disposal considerations**

#### **13.1 Waste treatment methods**

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

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

### **SECTION 14: Transport information**

#### **ADR**

14.1 UN Number: Not regulated.  
14.2 UN Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es)  
Class: Not regulated.  
Label(s): Not regulated.  
Hazard No. (ADR): Not regulated.  
Tunnel restriction code: Not regulated.  
14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards:  
Marine Pollutant: Not regulated.  
14.6 Special precautions for user: Not regulated.

#### **ADN**

14.1 UN Number: Not regulated.  
14.2 UN Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es)  
Class: Not regulated.  
Label(s): Not regulated.  
Hazard No. (ADR): Not regulated.

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Tunnel restriction code: Not regulated.  
14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards: Not regulated.  
Marine Pollutant: Not regulated.  
14.6 Special precautions for user: Not regulated.

**RID**

14.1 UN Number: Not regulated.  
14.2 UN Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es)  
Class: Not regulated.  
Label(s): Not regulated.  
14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards: Not regulated.  
Marine Pollutant: Not regulated.  
14.6 Special precautions for user: Not regulated.

**IMDG**

14.1 UN Number: Not regulated.  
14.2 UN Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es)  
Class: Not regulated.  
Label(s): Not regulated.  
EmS No.: Not regulated.  
14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards: Not regulated.  
Marine Pollutant: Not regulated.

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14.6 Special precautions for user: Not regulated.

#### **IATA**

14.1 UN Number: Not regulated.  
14.2 Proper Shipping Name: Not regulated.  
14.3 Transport Hazard Class(es):  
Class: Not regulated.  
Label(s): Not regulated.  
14.4 Packing Group: Not regulated.  
14.5 Environmental Hazards:  
Marine Pollutant: Not regulated.  
14.6 Special precautions for user: Not regulated.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable

### **SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

#### **EU Regulations**

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** none

**EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):** none

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**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:** none

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:** none  
**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:** none

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:** none

**Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances:** none

**EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:** none

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:** none

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

**Revision Information:** No data available.

### References

PBT PBT: persistent, bioaccumulative and toxic substance.  
vPvB vPvB: very persistent and very bioaccumulative substance.

**Key literature references and sources for data:** No data available.

**Wording of the H-statements in section 2 and 3:** none

**Training information:** No data available.

**Issue Date:** 13.07.2020  
**SDS No.:** UN000000000000244620-E-01

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