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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)
211825	Bottle Bacto TSB Casein Med 500G	

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

2.2 Label Elements

Not applicable

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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.

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.

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- 5.1 Extinguishing media**
Suitable extinguishing media: Water spray, fog, CO₂, 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 firefighters:** 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.
- 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.

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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).

Skin protection

Hand Protection:

Chemical resistant gloves

Other:

Wear a lab coat or similar protective clothing.

Respiratory Protection:

Respiratory protection not required.

Hygiene measures:

Observe good industrial hygiene practices.

Environmental Controls:

No data available.

SECTION 9: Physical and chemical properties

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9.1 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.
pH:	No data available.
Melting Point:	No data available.
Boiling Point:	No data available.
Flash Point:	Not applicable
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Relative density:	No data available.
Solubility(ies)	
Solubility in Water:	Completely Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
SADT:	No data available.
Viscosity:	Not determined.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

Molecular weight:	No data available.
VOC Content:	No data available.
Bulk density:	No data available.
Dust Explosion Limit, Upper:	No data available.
Dust Explosion Limit, Lower:	No data available.
Dust Explosion Description	No data available.
Number Kst:	
Minimum ignition energy:	No data available.

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Minimum ignition temperature: No data available.
Metal Corrosion: No data available.

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

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

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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.

**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

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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

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

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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:

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: | Not regulated. |
| Marine Pollutant: | Not regulated. |

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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.
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.

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:
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.

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14.4 Packing Group:	Not regulated.
14.5 Environmental Hazards:	Not regulated.
Marine Pollutant:	Not regulated.
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:	Not regulated.
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

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to

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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:

Chemical name	CAS-No.	Concentration
sodium hydrogensulphite ... %; sodium bisulphite . . . %	7631-90-5	0 - <0.1%

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: 11.10.2019
SDS No.: UN000000000000211825-E-01

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