



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

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

Product identifier

Product No.:	Product name:	Common name(s), synonym(s)
246011	BD Phoenix™ AST Broth	No data available

Recommended use of the chemical and restrictions on use

Recommended use: Scientific and industrial laboratory use. For In Vitro Diagnostic Use.

Recommended restrictions: None known.

Supplier's details

Supplier

Company Name: Becton Dickinson Ltd.
Address: 14B George Bourke Drive
Mt Wellington, Auckland, 1060
Telephone: 0800 572 468
Fax:
Contact Person: Customer Service
E-mail: bd_anz@bd.com

Emergency telephone number: ChemTrec New Zealand: +(64)-98010034

2. Hazard(s) identification

GHS classification

Not classified

Label Elements

The substance or product does not require a hazard warning label in accordance with the GHS directive.

Pictograms: No symbol

Signal Word: No signal word.

Hazard Statement: Not applicable

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

3. Composition/information on ingredients

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

Mixtures

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

4. First-aid measures

Description of necessary first-aid measures

General information:	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.
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 data available.
Hazards:	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, 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.



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

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: Methods and material for containment and cleaning up:

No data available.
No specific clean-up procedure noted.

Environmental Precautions:

Avoid release to the environment.

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation):

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

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

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.

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

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.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state:	liquid
Form:	liquid
Color:	According to product specification.
Odor:	Characteristic
Odor Threshold:	No data available.
Freezing 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
Self Ignition Temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	No data available.

Viscosity

Dynamic viscosity:	Not determined.
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.

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

Vapor pressure: No data available.
Relative density: No data available.
Density: No data available.
Bulk density: No data available.
Relative vapor density: No data available.

Particle characteristics

Particle Size: No data available.
Particle Size Distribution: No data available.
Specific surface area: No data available.
Surface charge/Zeta potential: No data available.
Shape: No data available.
Crystallinity: No data available.
Surface treatment: 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.
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

Information on toxicological effects

Inhalation: No data available.
Skin Contact: No data available.

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

Eye contact: No data available.

Ingestion: No data available.

Information on likely routes of exposure

Acute toxicity (list all possible routes of exposure)

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.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

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.

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

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

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.

Chronic 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.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

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

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: Log Kow: 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 data available.

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.

14. Transport information

International regulations

IATA

Not regulated.

IMDG

Not regulated.

Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

15. Regulatory information

Classified according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) regulation 2001



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

Classified according to NZS 5433:1999, UN, IMDG, and IATA.

Ozone Depleting Substances

Not Regulated

New Zealand. CWC. Chemical Weapons (Prohibition) Act 1996 (Schedules of Chemicals 1-3)

Not Regulated

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

16.Other Information

Issue Date: 27.10.2022

Revision Date: No data available.

Version #: 2.1

Further Information: No data available.

References: No data available.

Disclaimer Disclaimer:
The information contained herein has been obtained from various sources and is believed to be correct as of the date issued. However, neither BD nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability for a particular use of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. BD provides SDS in electronic form so the information may be more easily accessed. Due to the possibility of errors during transmission, BD makes no representations as to the completeness or accuracy of the information.