

SAFETY DATA SHEET

1. Identification		
Product identifier	1	
Product No.:	Product name:	Common name(s), synonym(s)
224150	Bottle Lauryl Tryptose Broth 500G	
Other means of identification	<u> </u>	
SDS number:	088100176136	
Recommended use and restr	iction on use	
Recommended use: Labora Restrictions on use: None		
Manufacturer/Importer/Supp	lier/Distributor Information	
Manufacturer		
Company Name:	BD Diagnostic Systems	
Address:	7 Loveton Circle	
	21152 Sparks, MD USA	
Telephone: Fax:	1 410 771 0100 or 1 800 638 8663	
Contact Person:	Tech Services	
Emergency telephon	e number: ChemTrec 1 800 424 §	9300
2. Hazard(s) identification		
Hazard Classification		
	Not classified	
Label Elements		
Hazard Symbol:	No symbol	
Signal Word:	No signal word.	
Hazard Statement: Precautionary Statements	Not applicable Not applicable	
Other hazards which do not result in GHS classification:	None.	



Mixtures

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)*
Sulfurous acid, sodium salt (1:1)		7631-90-5	0.0562%
* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.			

4. First-aid measures	
General information:	Get medical attention if symptoms occur.
Ingestion:	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.
Most important symptoms/effects, acute and delayed	
Symptoms:	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.
Specific hazards arising from the chemical:	None known.
Special protective equipment and precautions 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.
6. Accidental release measures	3
Personal precautions, protective equipment and emergency procedures:	No special precautionary health measures should be needed under anticipated conditions of use.
Methods and material for containment and cleaning up:	No specific clean-up procedure noted.
Environmental Precautions:	Avoid release to the environment.
7. Handling and storage	
Precautions for safe handling:	When using do not eat, drink or smoke. Read and follow manufacturer's recommendations. Use personal protective equipment as required.
Conditions for safe storage, including any incompatibilities:	Store in a cool, dry place. Keep container tightly closed.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Туре	Exposure Limit Values	Source
Sulfurous acid, sodium salt (1:1)	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	5 mg/m3	US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)
Sulfurous acid, sodium salt (1:1) - Particulate.	AN ESL	5 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)
	ST ESL	50 µg/m3	US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (07 2011)
Sulfurous acid, sodium salt (1:1)	TWA PEL	5 mg/m3	US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (08 2010)
	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (12 2010)
	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)

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 Suitable gloves can be recommended by the glove supplier. Wash hands after contact.
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

Appearance

solid		
Solid or Flake		
No data available.		
Not applicable		
No data available.		
No data available.		
Upper/lower limit on flammability or explosive limits		
No data available.		
Completely Soluble		
Water.: No data available.		
No data available.		



Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	Not determined.

10. Stability and reactivity

Reactivity:	Stable under normal temperature conditions and recommended use.
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

General information:	No data on possible toxicity effects have been found.	
Information on likely routes of ex Ingestion:	xposure No harmful effects expected in amounts likely to be ingested by accident.	
Inhalation:	Limited inhalation hazard at normal work temperatures.	
Skin Contact:	Negligible irritation to skin at ambient temperatures.	
Eye contact:	Do not get in eyes.	
Symptoms related to the physica Ingestion:	al, chemical and toxicological characteristics No data available.	
Inhalation:	No data available.	
Skin Contact:	No data available.	
Eye contact:	No data available.	
Information on toxicological effects		
Acute toxicity (list all possible routes of exposure)		

Oral Produ

Product: No data available.



Dermal Product:	No data available.
Inhalation Product:	No data available.
Repeated dose toxicity Product:	No data available.
Specified substance(s): Sulfurous acid, sodium salt (1:1)	NOAEL (Rat, Oral, 1 - 2 yr): 0.05 %(m) Oral Experimental result, Supporting study NOAEL (Rat(Female), Oral, 8 Weeks): 70 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Supporting study NOAEL (Rat(Female, Male), Oral, 10 - 730 d): 108 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Supporting study NOAEL (Rat(Female, Male), Oral, 21 - 104 Weeks): 108 mg/kg Oral Read- across from supporting substance (structural analogue or surrogate), Key study NOAEL (Pig(Female, Male), Oral, 48 Weeks): 0.35 %(m) Oral Read-across from supporting substance (structural analogue or surrogate), Supporting study
Skin Corrosion/Irritation Product:	No data available.
Specified substance(s): Sulfurous acid, sodium salt (1:1)	in vivo (Rabbit): Not irritant Read-across from supporting substance (structural analogue or surrogate), Key study in vivo (Rabbit): Not irritant Read-across from supporting substance (structural analogue or surrogate), Key study
Serious Eye Damage/Eye Irritatio Product:	on No data available.
Respiratory or Skin Sensitizatior Product:	No data available.
Carcinogenicity Product:	No data available.



IARC Monographs on the Evalu No carcinogenic cor	uation of Carcinogenic Risks to Humans: nponents identified
US. National Toxicology Progra No carcinogenic cor	am (NTP) Report on Carcinogens: nponents identified
US. OSHA Specifically Regulate No carcinogenic cor	ed Substances (29 CFR 1910.1001-1050): nponents identified
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 Product:	- Single Exposure No data available.
Specific Target Organ Toxicity Product:	- Repeated Exposure No data available.
Aspiration Hazard Product:	No data available.
Other effects:	None known.
12. Ecological information	

Ecotoxicity:

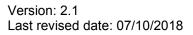
Acute hazards to the aquatic environment:

Fish Product:	No negative effects on the aquatic environment are known.
Aquatic Invertebrates Product:	No negative effects on the aquatic environment are known.

Chronic hazards to the aquatic environment:

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.	
Persistence and Degradability		
Biodegradation Product:	Expected to be readily biodegradable.	
BOD/COD Ratio Product:	No data available.	
Bioaccumulative potential Bioconcentration Factor (BCF) Product: No data available.		
Partition Coefficient n-octan Product:	ol / water (log Kow) Log Kow: No data available.	
Mobility in soil:	No data available.	
Known or predicted distribution to environmental compartments Sulfurous acid, sodium salt No data available. (1:1)		
Other adverse effects:	The product is not expected to be hazardous to the environment.	
13. Disposal considerations		
General information:	Dispose of waste and residues in accordance with local authority requirements.	
Disposal instructions:	No specific disposal method required.	
Contaminated Packaging:	No data available.	



14. Transport information

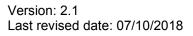
DOT UN Number: UN Proper Shipping Name: Transport Hazard Class(es)	Not regulated. Not regulated.	
Class:	Not regulated.	
Label(s):	Not regulated.	
Packing Group:	Not regulated.	
Marine Pollutant:	Not regulated.	
Limited quantity	Not regulated.	
Excepted quantity	Not regulated.	
Special precautions for user:	Not regulated.	
IMDG		
UN Number:	Not regulated.	
UN Proper Shipping Name:	Not regulated.	
Transport Hazard Class(es)		
Class:	Not regulated.	
Subsidiary risk:	Not regulated.	
EmS No.:	Not regulated.	
Packing Group:	Not regulated.	
Environmental Hazards		
Marine Pollutant:	Not regulated.	
Special precautions for user:	Not regulated.	
ΙΑΤΑ		
UN Number:	Not regulated.	
Proper Shipping Name:	Not regulated.	
Transport Hazard Class(es):		
Class:	Not regulated.	
Subsidiary risk:	Not regulated.	
Packing Group:	Not regulated.	
Environmental Hazards		
Marine pollutant:	Not regulated.	
Special precautions for user:	Not regulated.	
15 Degulatory information		

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. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) None present or none present in regulated quantities.





CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity	Reportable quantity
Phosphoric acid, sodium salt (1:2)	5000 lbs.
Sulfurous acid, sodium salt (1:1)	5000 lbs.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Not classified Not classified

SARA 302 Extremely Hazardous Substance None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

Chemical IdentityReportable quantityPhosphoric acid, sodium5000 lbs.salt (1:2)sodium5000 lbs.Sulfurous acid, sodium5000 lbs.salt (1:1)5000 lbs.

SARA 311/312 Hazardous Chemical

Chemical IdentityThreshold Planning QuantitySulfurous acid, sodium salt10000 lbs(1:1)10000 lbs

SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

Chemical IdentityReportable quantityPhosphoric acid, sodiumReportable quantity: 5000 lbs.

salt (1:2) Sulfurous acid, sodium Reportable quantity: 5000 lbs. salt (1:1)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65

No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act

Chemical Identity

Phosphoric acid, sodium salt (1:2)



US. Massachusetts RTK - Substance List

Chemical Identity

Phosphoric acid, sodium salt (1:2)

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Phosphoric acid, sodium salt (1:2)

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

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

Issue Date:	07/10/2018
Version #:	2.1
Revision Information:	No data available.
Further Information:	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.