Material Safety Data Sheet

Brain Heart Infusion Broth, Dehydrated

Revised: 12/16/2011
Replaces: None
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Section 1 - Product Description

Product Name: Brain Heart Infusion Broth, Dehydrated
Product Code(s): 78-1761
Size: 500 g
Chemical Name: See Section 3
CAS Number: See Section 3
Formula: See Section 3
Synonyms: None Known
Distributor: Carolina Biological Supply Company, 2700 York Road, Burlington, NC 27215
Chemical Information: 800-227-1150 (8am-5pm (ET) M-F) Chemtrec 800-424-9300 (Transportation Spill Response 24 hours)

Section 2 - Hazard Identification

Emergency Overview: CAUTION - Avoid contact with skin and eyes.
Potential Health Effects:
- Eyes: May cause irritation.
- Skin: May cause irritation to skin.
- Ingestion: May cause gastrointestinal discomfort.
- Inhalation: May cause irritation to respiratory tract.

Section 3 - Composition / Information on Ingredients

Principal Hazardous Components: Brain Heart Infusion (from solids) 21%; Pancreatic Digest of Casein 42%; Dextrose (CAS #) 5%; Sodium Chloride (CAS #) 13%; Sodium Phosphate, Dibasic (CAS #) 6%; Peptic Digest of Animal Tissue 13%
TLV units: N/A
PEL units: N/A

Section 4 - First Aid Measures

Emergency and First Aid Procedures:
- Eyes - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Skin - After contact with skin, wash immediately with plenty of water.
- Ingestion - If swallowed, rinse mouth with water (only if the person is conscious). If swallowed, seek medical advice immediately and show this container or label.
- Inhalation - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Section 5 - Firefighting Procedures
Flash Point (Method Used): N/A
NFPA Rating:
  Health: 0
  Fire: 1
  Reactivity: 0
Extinguisher Media: Use media suitable to extinguish surrounding fire.
Flammable Limits in Air % by Volume: N/A
Autoignition Temperature: N/A
Special Firefighting Procedures: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: N/A

Section 6 - Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled: Ventilate area of spill. Clean-up personnel should wear proper protective equipment. Avoid creating dust. Sweep or scoop up and containerize for disposal.

Section 7 - Special Precautions

Precautions to Take in Handling or Storing: Possible Allergic responses to antibiotics. Keep container tightly closed in a cool, well-ventilated place.

Section 8 - Protection Information

Respiratory Protection (Specify Type): None needed under normal conditions of use with adequate ventilation. A NIOSH/MSHA chemical cartridge respirator should be worn if PEL or TLV is exceeded.
Ventilation:
  Local Exhaust: No
  Mechanical(General): Yes
  Special: No
  Other: No
Protective Gloves: Natural rubber, Neoprene, PVC or equivalent.
Eye Protection: Splash proof chemical safety goggles should be worn.
Other Protective Clothing or Equipment: Lab coat, apron, eye wash, safety shower.

Section 9 - Physical Data

Molecular Weight: N/A
Boiling Point: N/A
Vapor Density(Air=1): N/A
Percent Volatile by Volume: N/A
Solubility in Water: Soluble
Melting Point: N/A
Vapor Pressure: N/A
Specific Gravity (H2O=1): N/A
Evaporation Rate (BuAc=1): N/A
Appearance and Odor: Dark grey, odorless solid

Section 10 - Reactivity Data

Stability: Stable
Conditions to Avoid: N/A
Incompatibility (Materials to Avoid): Oxidizers,
Hazardous Decomposition Products: N/A
Hazardous Polymerization: Will not occur

Section 11 - Toxicity Data

Toxicity Data: (Agar) orl-rat LD50 11 g/kg
Effects of Overexposure:
  Acute: See Section 2
  Chronic: N/A

Product Name: Brain Heart Infusion Broth, Dehydrated
Conditions Aggravated by Overexposure: N/A
Target Organs: N/A
Primary Route(s) of Entry: Inhalation and ingestion.

**Section 12 - Ecological Data**

EPA Waste Numbers: N/A

**Section 13 - Disposal Information**

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

**Section 14 - Transport Information**

DOT Proper Shipping Name: Not Regulated for Transport

**Section 15 - Regulatory Information**

EPA TSCA Status: On TSCA Inventory
Hazard Category for SARA Section 311/312 Reporting: Acute

Name List: No
Chemical Category: No

CERCLA Section 103 RQ(lb.): No
RCRA Section 261.33: No

**Section 16 - Additional Information**

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material.

**Glossary**

ACGIH  American Conference of Governmental Industrial Hygienists
CAS Number  Chemical Services Abstract Number
CERCLA  Comprehensive Environmental Response, Compensation, and Liability Act
DOT  U.S. Department of Transportation
IARC  International Agency of Research on Cancer
N/A  Not Available
NTP  National Toxicology Program
OSHA  Occupational Safety and Health Administration
PEL  Permissible Exposure Limit
ppm  Parts per million
RCRA  Resource Conservation and Recovery Act
SARA  Superfund Amendments and Reauthorization Act
TLV  Threshold Limit Value
TSCA  Toxic Substances Control Act