

## I Identification

Product Name: **LB (Lennox) Broth**

Catalog Number: **LBP03**

Synonyms:

Company: **Caisson Laboratories**

Address: **836 South 100 East, Smithfield, UT 84335**

Telephone: **435.755.7615**

Fax: **435.755.7617**

Emergency Contact: **CHEMTREC 800.424.9300 (703.527.3887)**

Recommended Use: **For research and laboratory use only.**

Restrictions On Use: **This product is intended for research and laboratory use only. Products are not to be used as human or animal therapeutics, cosmetics, agricultural or pesticidal products, food additives, or as household chemicals.**

## II Hazard(s) Identification

Overview: **Complete toxicological properties have yet to be determined.**

Flammability:

Reactivity:

Toxicity:

NFPA Rating

Health: **1**

Flammability: **1**

Reactivity: **1**

Special: **n/a**

Pictograms:

## III Composition / Information on Ingredients

General Information:

Component:

CAS#: **n/a**

% by Weight: **The subject formulation is a nutrient blend of amino acids, vitamins, carbohydrates, organic and inorganic supplements and salts. With the exception of purified water, all ingredients are in concentrations of less than 1%.**

**IV First-Aid Measures**

General Information:  
 Route of Exposure  
 Oral: **If swallowed, wash out mouth with water provided person is conscious. Call a physician.**  
 Inhalation: **In case of skin contact, flush with copious amounts of water.**  
 Dermal: **In case of skin contact, flush with copious amounts of water.**  
 Eye: **In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.**

**V Fire-Fighting Measures**

General Information:  
 Flammable Properties  
 General:  
 Flash Point: **n/a**  
 Ignition Temperature: **n/a**  
 Suitable Extinguishing Media: **Water spray, carbon dioxide, Dry chemical powder or appropriate foam.**  
 Special Protective Equipment for fire fighters:  
 Additional Information:

**VI Accidental Release Measures**

General Information: **Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.**

**VII Handling and Storage**

Handling: **Follow good laboratory practices.**  
 Storage: **2 to 8 °C. Protect from light.**

**VIII Exposure Controls / Personal Protection**

General Information:  
 Engineering Measures:  
 Personal Protective Equipment  
 General:  
 Eye Protection: **Safety glasses or goggles recommended.**  
 Hand Protection: **Chemical-resistant gloves recommended.**  
 Respiratory Protection:  
 Skin and Body Protection:  
 Hygiene Measures:

**IX Physical and Chemical Properties**

General Information:  
 Appearance: **Orange-red to light yellow powder.**  
 pH: **4-8**  
 Specific Gravity:  
 Melting Point: **n/a**  
 Boiling Point: **n/a**  
 Flash Point: **n/a**  
 Flammability Range: **n/a**  
 Vapor Pressure: **n/a**

**X Stability and Reactivity**

General Information:  
 Storage Stability  
     Temperature: **Room Temperature**  
     Light Sensitive: **False**  
 Incompatibles: **Strong oxidizers**  
 Hazardous Decomposition Products: **Stable. Hazardous Polymerization will not occur.**

**XI Toxicological Information**

General Information: **n/a**  
 Acute Toxicity: **n/a**  
 Chronic Toxicity: **n/a**  
 Local Effects:  
 Target Organs: **none**  
 Carcinogenicity:  
 OSHA Permissible Exposure Limits:

**XII Ecological Information**

General Information:

**XIII Disposal Considerations**

General Information:  
 Disposal of Product: **Observe all federal, state and local environmental regulations.**  
 Disposal of Packaging: **Rinse and dispose according to federal, state and local environmental regulations.**

XIV	Transport Information
	<p>Proper Shipping Name: <b>CHEMICALS, N.O.S (NON-REGULATED)</b></p> <p>UN#: <b>None</b></p> <p>Class: <b>None</b></p> <p>Packaging Group: <b>None</b></p> <p>Hazard Label: <b>None</b></p>
XV	Regulatory Information
	<p>General Information: <b>None</b></p> <p>TSCA:</p> <p>SARA 313:</p>
XVI	Other Information
	<p>General Information:</p>

Last Revision Date: 23 Jul, 2018