



**MATERIAL SAFETY DATA SHEET\***  
**CryoBac Vials for freeze preservation of Bacteria**  
**Cat. No. B725 and B700**

| Section 1. Company Identification and Product Information |   |                               |                     |
|---|---|-------------------------------|---------------------|
| <b>Product Name or Identity:</b>                          |   |                               |                     |
| <b>Catalog. No.</b>                                       | Tryptic Soy Broth* with $\alpha$ -D-glucopyranosyl-(1 $\rightarrow$ 2)- $\beta$ -D-fructofuranoside and propane-1,2,3-triol<br><b>CryoBac Vials for freeze preservation of Bacteria</b><br><b>B725 and B700</b> |                               |                     |
| <b>Manufacturer's Name:</b>                               | Biorex Labs   | <b>Emergency Phone No.:</b>   | 440-824-3000        |
|   | 5299 Transportation Blvd  | <b>Fax No.:</b>               | 440-209-7776        |
|   | Cleveland, Ohio 44125   | <b>e-mail:</b>                | info@biorexlabs.com |
| <b>Date Prepared or Revised:</b>                          | April, 2012   | <b>Chemtrec:</b>              | (800) 424-9300      |
|   |   | <b>Outside US and Canada:</b> | (703) 527-3887      |

| Section 2. Composition / Information on Hazardous Ingredients  |                     |   |  |
|--|---------------------|---|--|
| <b>This product is a mixture of the substances listed below with the addition of nonhazardous materials.</b> |                     |   |  |
| <b>Hazardous Components</b>  | None in liquid form | % |  |
| <b>Specific Chemical Identity:</b>   |                     |   |  |

| Section 3. Health Hazard Identification       |   |
|---|---|
| <b>Health Hazards:</b><br>(Acute and Chronic) | <b>Information pertaining to particular dangers for man and environment.</b><br>Not known |

| Section 4. First Aid Measures            |   |
|--|---|
| <b>Emergency / First Aid Procedures:</b> | <b>General Information:</b> No special measures required.   |
|  | <b>Ingestion:</b> If swallowed, seek medical attention if symptoms occur. Show physician product label or MSDS.   |
|  | <b>Inhalation:</b> none   |
|  | <b>Eye Contact:</b> Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention. |
|  | <b>Skin Contact:</b> Remove contaminated clothing. Wash off with soap and water for at least 15 minutes   |

| Section 5. Fire and Explosion Hazard Data   |   |
|---|---|
| <b>Flash Point</b> (Method Used): N/A   | <b>Flammable Limits:</b> LEL – N/A<br>UEL – N/A |
| <b>Extinguishing Media:</b> Use CO <sub>2</sub> , ABC multipurpose dry chemical, or water spray. Fight larger fires with water spray or alcohol resistant foam. |   |
| <b>Protective Equipment:</b> No special measures required.  |   |
| <b>Unusual Fire and Explosion Hazards:</b> none   |   |

**Section 7. Handling and Storage**

**Handling:** Protect against physical damage. Ensure good ventilation / exhaustion.

**Storage:** Requirements to be met by storerooms and receptacles: 4- 30 °C

**Other Precautions:** No special measures required.

**Section 8. Exposure Controls / Personal Protection****Components with limit values that require monitoring:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**OSHA-PEL:** N/A

**REL:** N/A

**TLV:** N/A

**Additional Information:** Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing.

**Personal Protective Equipment:**

Keep away from food, beverages, and feed.  
Wash hands before and after entering laboratory.

**Breathing Equipment:** none **Hand Protection:** Use chemical resistant gloves.

**Eye Protection:** Wear safety glasses or goggles.

**Body Protection:** Wear lab coat or other protective work clothing.

**Section 9. Physical and Chemical**

**Properties Appearance and Odor:** Homogenous free-flowing powder, light beige.

**Boiling Point:** Not determined

**Density:** Not determined

**Auto Igniting:** Product is not self-igniting

**Solubility in Water:** Soluble

**Danger of explosion:** Product does not present an explosion hazard.

**pH:** 7.3 ± 0.2 @ 25 °C

**Solvent Content:** Organic solvents – 0.0%

**Solids Content:** < 10%

**Section 10. Stability and Reactivity**

**Stability:**

Unstable

Stable

X

Conditions to Avoid: No decomposition if used according to specifications.

**Incompatibility (Materials to Avoid):** Incompatible with strong acids and oxidizers.

**Hazardous Decomposition or Byproducts:** Chlorine (Cl)

**Hazardous Polymerization:**

May Occur

Will Not Occur

X

No dangerous reactions known.

**Section 11. Toxicological Information**

**LD/LC50 values that are relevant:** N/A

**Carcinogenicity Classification:**

**IARC (International Agency for Research on Cancer)** - Not listed

**NTP (National Toxicology Program)** - Not listed

**Irritant: may be** Irritant to eyes, skin, and mucous membranes.

**Sensitization:** No sensitizing effects known.

**Subacute to chronic toxicity:** not known

### Section 12. Ecological Information

**Ecotoxicity Tests:** Not known to be hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.

### Section 13. Disposal Considerations

**Waste Disposal Method:** Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste.

RCRA Hazardous Waste – No

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

**Container Information:** Do not remove labels from containers until they have been cleaned.

### Section 14. Transport Information

**DOT Regulations:**

Not Regulated

**Land Transport ADR/RID (cross-border):**

Not Regulated

**Maritime Transport IMDG:**

Not Regulated

**Marine Pollutant:** No

**Air Transport ICAO-TI and IATA-DGR:**

Not Regulated

### Section 15. Regulatory Information

**EU Regulations, Hazard Symbol(s):**

N/A

**Risk Phrases:**

R 36 / 37 / 38, Irritating to eye, and skin.

**Safety Phrases:**

S 26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36, Wear suitable protective clothing.

### Section 16. Other Information

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Biorex Labs shall not be held liable for any damage resulting from handling or from contact with the above product. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY.

*\*The foregoing sheet has been prepared and copied from the information supplied by Neogen Corp., the manufacturer of the Tryptic Soy Broth.*