1. Product and Company Identification
Teknova Inc.
2290 Bert Dr.
Hollister, CA 95023
Telephone number: 831-637-1100

Emergency Contacts/Telephone Numbers
Chemtrec emergency phone number: (800) 424-9300

Issue date: 08/6/2009
Catalog number: L8605
Product name: Luria Broth, Miller, with 2% Glucose

2. Composition/Information On Ingredients
<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Cas number</th>
<th>Sara #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yeast extract</td>
<td>8013-01-2</td>
<td>N/A</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>N/A</td>
</tr>
<tr>
<td>Glucose</td>
<td>492-62-6</td>
<td>N/A</td>
</tr>
<tr>
<td>Tryptone</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

3. Hazards Identification
HMIS Rating
Health: 0
Flammability: 0
Reactivity: 0

NFPA Rating
Health: 0
Flammability: 0
Reactivity: 0

Refer to section 11 for more information.

4. First Aid Measures
Eye
In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Skin
In case of contact, immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

Inhalation
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

5. Firefighting Measures
Extinguishing Media
Suitable: water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting
Protective equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific hazard: emits toxic fumes under fire conditions.

6. Accidental Release Measures
Methods For Cleaning Up
Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Environmental Precautions
Do not let product enter drains.
### 7. Handling and Storage

**Handling**  
User exposure: avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.  

**Storage**  
Suitable: keep tightly closed.  

**Special Requirements**  
Light sensitive.

### 8. Exposure Controls/Personal Protection

**Engineering Controls**  
Safety shower and eye bath. Mechanical exhaust required.  

**Personal Protective Equipment**  
Respiratory: use respirators and components tested and approved under appropriate government standards. Respiratory protection is not required.  
Hand: protective gloves.  
Eye: chemical safety goggles.  

**General Hygiene Measures**  
Wash thoroughly after handling.

### 9. Physical and Chemical Properties

**Appearance**  
Form: liquid  

**Safety Data**  
Melting point: 153 - 156 °C (307 - 313 °F)

### 10. Stability and Reactivity

**Stability**  
Stable: stable.  

**Materials to avoid:** strong oxidizing agents.  

**Hazardous Decomposition Products**  
Hazardous decomposition products formed under fire conditions: carbon oxides  

**Hazardous Polymerization**  
Hazardous polymerization will not occur.

### 11. Toxicological Information

**Route of Exposure**  
Skin contact: may cause skin irritation.  
Skin absorption: may be harmful if absorbed through the skin.  
Eye contact: may cause eye irritation.  
Inhalation: material may be irritating to mucus membranes and upper respiratory tract. May be harmful if inhaled.  
Ingestion: may be harmful if swallowed.  

**Signs and Symptoms of Exposure**  
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### 12. Ecological Information

Data not yet available.

### 13. Disposal Considerations

**Appropriate Method of Disposal of Substance or Preparation**  
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

### 14. Transport Information

**DOT**  
Proper SHIPPING NAME: NONE  
Non-Hazardous for transport: this substance is considered to be non-hazardous for transport.  

**IATA**  
Non-Hazardous for aid transport: non-hazardous for air.
### 15. Regulatory Information

**United States Regulatory Information**
SARA listed: no

**Canada Regulatory Information**
WHMIS classification: this product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: no
NDSL: no

### 16. Other information

**Disclaimer**
For R&D use only. Not for drug, household or other uses.

**Warranty**
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Teknova, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Teknova, Inc.