MATERIAL SAFETY DATA SHEET
Luria Broth, Miller, with 2% Glucose

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

Ingredients	Cas number	Sara #:
Yeast extract	8013-01-2	N/A
Sodium chloride	7647-14-5	N/A
Glucose	492-62-6	N/A
Tryptone	N/A	N/A

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 mucous 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.