

## *Safety Data Sheet*

### **1. IDENTIFICATION**

**Product Name:** Prepared Tryptic Soy Agar Growth Medium (TSA)

**Product Type or Synonym:** Prepared Tryptic Soy Agar Growth Medium (TSA)

**Product Description:** Re-closable glass container filled with prepared tryptic soy agar bacterial growth medium (TSA)

Note: media contains no hazardous ingredients or pathogenic microorganisms.

**Manufactured by:** Mesa Laboratories, Inc.  
625 Zoot Way  
Bozeman, MT 59718 USA  
(303) 987-8000

**Emergency Phone:** (303) 987-8000

### **2. HAZARDS IDENTIFICATION**

The unit contains glass, which upon accident, may enter the skin or eye causing minor injury and/or irritation. The growth medium can be treated as non-hazardous. No toxic/ill effects under normal operating conditions. Repeated or prolonged exposure is not known to aggravate any medical condition.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

This product contains no hazardous material.

### **4. FIRST AID MEASURES**

**Inhalation:** Inhalation is not a likely route of exposure to this product. No health hazards are expected from accidental inhalation of the microorganism.

**Ingestion:** Ingestion is not a likely route of exposure to this product. No health hazards have been associated with accidental exposure to the microorganisms.

**Skin Contact:** Under normal circumstances, no skin irritation is expected from accidental contact with the agar. If agar comes in contact with skin, wash with soap and water and rinse thoroughly. If the glass container is broken, glass shards or splinters may enter the skin on the hand and/or fingers. Remove glass with tweezers and apply disinfectant to cut areas.

**Eye Contact:** In case of contact with eyes, rinse immediately with a copious amount of water. No irritation is expected from accidental exposure with the agar; however, get medical attention if irritation occurs. If the glass container is broken, glass shards or splinters may enter the eye. Do not rub the eye. Flush with water. If glass cannot be dislodged with water, medical assistance may be required.

### **5. FIRE FIGHTING MEASURES**

**Fire:** Not expected to be a fire hazard.

**Explosion:** No information found.

**Fire Extinguishing Media:** Use any means suitable for extinguishing surrounding fire.

**Special Information:** Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

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### **6. ACCIDENTAL RELEASE MEASURES**

Wear gloves. Place in a bag/other appropriate bio-waste container and sterilize prior to disposal. Clean and disinfect area of spill.

### **7. HANDLING AND STORAGE**

**Steps to be taken in the event of spillage:** Wear suitable protective clothing.

**Waste disposal method:** No specific precautions. Use standard disposal methods for liquids.

**Precautions to be taken in Handling and Storage:** Store at room temperature. Avoid direct sunlight and all other forms of UV light.

**Other Precautions:** None determined.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Occupation Exposure Limits:** No data but non-toxic.

**Personal Protective Equipment:**

- **Respiratory System:** None required
- **Skin and Body:** Laboratory Coat
- **Hands:** Impervious Gloves
- **Eyes:** Safety glasses or goggles
- **Other/Special:** None required

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Gelatinous

**Color:** Beige

**Odor:** No specific odor

**pH:** N/A

**Boiling Point:** 100°C

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Melting Point:** 100°C

**Fire Hazards in presence of various substances:** No risk

**Explosive properties:** No risk

### **10. STABILITY AND REACTIVITY**

**Stability:** Stable at exposure temperatures and normal storage conditions.

**Conditions to avoid:** No data available.

**Incompatibility (materials to avoid):** No data available.

**Hazardous Decomposition or By-Products:** None known.

**Hazardous polymerization:** Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

Effects of Acute Exposure: N/A  
Effects of Chronic Exposure: N/A  
Irritancy of Product: N/A  
Skin Sensitization: N/A  
Respiratory Sensitization: N/A  
Carcinogenicity: N/A  
Reproductive Toxicity: N/A  
Teratogenicity: N/A  
Embryo toxicity: N/A  
Mutagenicity: N/A  
Synergistic Products: N/A

**12. ECOLOGICAL INFORMATION**

This product contains no known ecological hazards. The chemicals it contains are non-toxic biological nutrients.

**13. DISPOSAL**

Autoclave at 121°C for 30 minutes prior to disposal.

**14. TRANSPORT**

No special shipping conditions. Use standard transportation conditions.

**15. REGULATORY INFORMATION**

N/A

**16. OTHER INFORMATION**

See instructions for use delivered in each box of product.

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