

## *Safety Data Sheet*

### **1. IDENTIFICATION**

**Product Name:** ProSpore Ampoule

**Product Type or Synonym:** Biological Indicator

**Product Description:** biological indicator device for monitoring sterilization efficacy of hospital and industrial steam sterilization processes.

Note: device 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**

Treat 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**

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>%</b>
Bromocresol Purple	115-40-2	< 4%

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

**Skin Contact:** No skin irritation is expected from accidental contact with the microorganisms.

**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 microorganism; however, get medical attention if irritation occurs.

See Section 11 for more detailed information on health effects and symptoms.

### **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.

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

**Floor surface will be slippery at site of spillage.**

Wear gloves. Absorb using absorbent paper. Place in a bag/other appropriate bio-waste container and sterilize prior to disposal. Disinfect surface with sporicidal agent.

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

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

**Waste disposal method:** Dispose of in accordance with national and local regulations for biological waste.

Sterilize in steam sterilization at 121°C for 30 minutes or incinerate prior to disposal.

**Precautions to be taken in Handling and Storage:** Store at 2-8°C. 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:** Liquid and suspension

**Color:** Purple

**Odor:** No specific odor

**pH:** 7.2 +/- 0.2

**Boiling Point:** 100°C

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Melting Point:** N/A

**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.

### **11. TOXICOLOGICAL INFORMATION**

**Affects of Acute Exposure:** N/A

**Affects 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

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The microorganisms contained in this product are non-pathogenic organisms and are classified by the World Health Organization (WHO) as Group 1 organisms.

### **12. ECOLOGICAL INFORMATION**

This product contains no known ecological hazards. The microorganisms it contains are non-pathogenic and are classified by the World Health Organization (WHO) as Group 1 organisms.

### **13. DISPOSAL**

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

### **14. TRANSPORT**

Standard Transportation Conditions.

### **15. REGULATORY INFORMATION**

N/A

### **16. OTHER INFORMATION**

See instructions for use delivered in each box of product.

#### **Prepared By:**

Mesa Laboratories, Inc.  
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(303) 987-8000

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