

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.
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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

Ingredient Name	CAS Number	%
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.

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