



**1. IDENTIFICATION**

Product Name:

**SteriFlex™**

Product Type or Synonym: Biological Indicator

Product Description: biological indicator device for monitoring sterilization efficacy of liquids. Device consists of a sealed plastic tube containing non-pathogenic test organisms suspended in a non-hazardous growth medium.

Note: device contains no hazardous ingredients or pathogenic microorganisms.

Manufactured by: Mesa Laboratories, Inc.  
10 Evergreen Drive  
Bozeman, MT 59715 USA  
(303) 987-8000

Emergency Phone: (303) 987-8000

**2. HAZARDS IDENTIFICATION**

None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Growth Medium Composition: soybean casein digest, manufactured by B-D, pH indicator, and proprietary formulation. Non-hazardous.

Biological Information: bacterial spores obtained from traceable source. Naturally occurring. Non-pathogenic.

**4. FIRST AID MEASURES**

Skin Contact: under normal circumstances contact with the device should not result in skin irritation. If liquid media comes in contact with skin, wash with soap and water.

Eye Contact: if liquid media enters the eye, flush with water.

Inhalation: not a likely route of exposure.

Ingestion: not a likely route of exposure.

NOTE: there are no known health hazards from exposure to the microorganisms contained in this product.

**5. FIRE FIGHTING MEASURES**

N/A

**6. ACCIDENTAL RELEASE MEASURES**

Clean and disinfect area of spill.



**7. HANDLING AND STORAGE**

Store at 2-8°C. Protect from light.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Limits:** N/A

**Specific Engineering Controls:** N/A

**Personal Protective Equipment:** Appropriate gloves and safety glasses should be worn when removing this product from the sterilizer.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Odor and Appearance:** the SterilFlex™ biological indicator consists of a sealed plastic tube containing non-pathogenic test organisms suspended in a non-hazardous growth medium. The device contains no hazardous ingredients or pathogenic organisms.

**Specific Gravity:** N/A

**Evaporation Rate:** N/A

**pH:** N/A

**Vapor Density:** N/A

**Boiling Point:** N/A

**Coefficient of Water/Oil Distribution:** N/A

**Odor Threshold:** N/A

**Vapor Pressure:** N/A

**Freezing Point:** N/A

**Solubility in Water:** N/A

**10. STABILITY AND REACTIVITY**

**Chemically Stable:** Yes

**Incompatibility:** N/A

**Reactivity:** N/A

**Hazardous Decomposition Products:** N/A

**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

**Embryotoxicity:** N/A

**Mutagenicity:** N/A

**Synergistic Products:** N/A

**12. ECOLOGICAL INFORMATION**

This product contains no known ecological hazards. The microorganisms it contains are non-pathogenic and found in nature. The chemicals it contains are non-toxic biological nutrients and a non-toxic pH sensitive dye.



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**13. DISPOSAL**

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

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**14. TRANSPORT**

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No special shipping precautions.

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**15. REGULATORY INFORMATION**

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N/A

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**16. OTHER INFORMATION**

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See instructions for use delivered in each box of product.

**Prepared By:**

Mesa Laboratories, Inc.  
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