

SAFETY DATA SHEET

ExpoSure

SECTION 1 – IDENTIFICATION AND COMPANY DETAILS

Identification of the substance or preparation

Product name : **ExpoSure**
Use of the substance/preparation : Sterilization Biological Indicator
Company identification
Manufacturer : Mesa Labs
Omaha Manufacturing Facility
8607 Park Drive
Omaha, Nebraska 68127
T: 303-987-8000
F: 402-593-0921
Emergency telephone number : 800-992-6372

SECTION 2 – HAZARD 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.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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

SECTION 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 : 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.

SECTION 5 – FIRE-FIGHTING MEASURES

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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.

SECTION 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 sporocidal agent.

SECTION 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 2-25°C, ≤60% RH. Avoid direct sunlight and all other forms of UV light.

Other Precautions: None determined.

SECTION 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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Carrier inoculated with bacterial spores.
Glass ampoule containing growth media with pH indicator.

Color: Purple

Odor: No specific odor.

pH: 6.6-6.9

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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

SECTION 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.

SECTION 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

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

SECTION 12 – ECOLOGICAL INFORMATION

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

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

No special shipping precautions.

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SECTION 15 – REGULATORY INFORMATION

N/A

SECTION 16 – OTHER INFORMATION

See instructions for use delivered in each box of product.

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