

Edge Biologicals, Inc.
Memphis, TN 38105

Material Safety Data for Prepared Media

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M ENDO Broth Ampoules

SUBSTANCE IDENTIFICATION

Product Name: m ENDO Broth Ampoules, 2 ml

Catalog Number: A200

Finished Material Provider: Edge Biologicals, Inc.
598 N. Second Street
Memphis, TN 38105
901-523-0034

Emergency information: Contact Quality Control, Edge Biologicals at 901-523-0034

COMPOSITION (g/L)

Yeast Extract	1.5 g	Casitone	5 g
Thiopeptone	5 g	Tryptose	10 g
Lactose	12.5 g	Sodium desoxycholate	0.1 g
Dipotassium Phosphate	4.375	Monopotassium phosphate	1.375 g
Sodium chloride	5 g	Sodium lauryl sulfate	0.05 g
Sodium sulfite	2.1 g	Basic fuchsin	1.05 g
Ethanol	20 ml	Deionized water	1000 ml

HAZARDS IDENTIFICATION

This product contains the following hazardous components; Sodium Chloride, 0.5%; Sodium Sulfite, 0.21%; Basic Fuchsin, 0.105%. These ingredients can be irritating to eyes, skin, and respiratory system.

NFPA ratings: Health=3
Fire= 0
Reactivity= 0

FIRST AID MEASURES

General information: Symptoms of poisoning may even occur after several hours; provide medical observations for at least 48 hours after accidental exposure.

After inhalation: Since medium is in liquid form, should not be a problem; however seek medical attention in case of complaints.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for 15 minutes under running water; consult a physician.

After swallowing: Consult physician immediately.

FIRE FIGHTING MEASURES

Suitable Extinguishing Agents: Product is Non- flammable (liquid solutions)

Protective equipment: No special measures required.

ACCIDENTAL RELEASE MEASURES

Person related safety precautions: Wear gloves and safety goggles.

Environmental measures: Wipe with damp sponge or mop

Cleaning/collecting: Absorb with liquid binding materials

HANDLING and STORAGE

Safe-handling: No special measures required.

Storage: Store in a cool location (8-12°C)

EXPOSURE CONTROLS

Limit Values: Product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

PHYSICAL and CHEMICAL PROPERTIES

Form: Liquid suspension

Color: Dark red

Odor: None

Melting point: Not determined

Flash Point: Not applicable

Danger of Explosion: Not a hazard

Solubility in Water: Soluble

pH at 25°C: 7.2 ± 0.1

Written: November 22, 2004

Ted A. Pearson
Quality Control Officer
Edge Biologicals, Inc.

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STABILITY and REACTIVITY

Thermal decomposition: no decomposition is used according to specifications.

Dangerous Reactions: No known dangerous reactions

Dangerous Products of Decomposition: Chlorine, nitrogen oxides, carbon monoxide, carbon dioxide, sulfur oxides

TOXICOLOGICAL INFORMATION

LD/LC50 values (oral)

Sodium Chloride: LD50—3000 mg/kg (rat)

Basic Fuchsin: LD50—500 mg/kg (mouse)

Sodium Sulfite: LD50—820 mg/kg (mouse)

Primary irritant effect. Skin: irritant to skin and mucous membranes; Eyes: irritating; Sensitization: no known sensitizing effects.

People with known or suspected allergies to sulfites should use appropriate safety precautions when handling.

ECOLOGICAL INFORMATION

No ecological effects have been identified. Generally, slightly hazardous for water

DISPOSAL

Adhere to specific state and federal regulations. Small, unused quantities can not be disposed of with solid waste. If product is contaminated with microorganisms, it should be sterilized before disposal.

TRANSPORTATION

Not hazardous and requires no special packaging or handling.

REGULATIONS

Product related hazard: The ingredients in this medium should pose no health risk when the product is used with safe laboratory practices such as aseptic technique; guarding against aerosol production; and proper storage, handling, and disposal of any bio-hazardous materials (such as used media).

OTHER INFORMATION

To the best of our knowledge the information contained in this document is accurate; however, the end user should determine the suitability of this product for the intended use. The ingredients in this medium should pose no health risk when the product is used with safe laboratory practices such as aseptic technique; guarding against aerosol production; and proper storage, handling, and disposal of any bio-hazardous materials (such as used media).