ASSOCIATES OF CAPE COD INCORPORATED

Specialists in Endotoxin and Glucan Detection

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Associates of Cape Cod, Inc.
124 Bernard E. Saint Jean Drive
East Falmouth, Massachusetts
888-395-2221 or 508-540-3444

Emergency telephone number: **Chemtrec® (24 Hours)** **800-424-9300 (Domestic North America)**
For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident **703-527-3887 (International),**
Collect calls accepted.

Material Name: Control Standard Endotoxin
Trade Name: Lipopolysaccharide
Synonyms: CSE
Chemical Family: Biochemical
Intended Use: Laboratory standard

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	EU EINECS List	%
Control Standard Endotoxin	N/A		Proprietary

3. HAZARDS INDENTIFICATION

Appearance: Dried film (may not be visible) or powder particles

Statement of Hazard:

Eye Contact: May cause eye irritation.
Skin Contact: May be harmful in contact with skin.
Inhalation: May be harmful by inhalation.
Ingestion: May be harmful if swallowed.

4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Get medical attention.

Skin Contact: Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.

Ingestion: Get medical attention. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use carbon dioxide, dry chemical, or water spray.

Hazardous Combustion Products: Burning produces irritating fumes.

Fire Fighting Procedures: Wear approved positive pressure, self-contained breathing apparatus and full protection turn out gear. Use caution in approaching fire.

Fire / Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Health and Safety Precautions: Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

Measures for Cleaning / Collecting: Clean-up spill and transfer into a labeled container for disposal. Clean spill area thoroughly.

Measures for Environmental Protection: Place waste in an appropriate labeled container for disposal.

Additional Consideration for Large Spills: Collect spill and transfer all waste to a labeled container and move it to a waste holding area.

7. HANDLING AND STORAGE

General Handling: Avoid breathing dust. Avoid contact with eyes, skin and clothing.

Storage Conditions: Keep container tightly closed before use.

Storage Temperature: Store as directed by product insert for use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OEL/PEL: Unknown

Engineering Controls: General laboratory ventilation

Personal Protective Equipment:

Hands: Wear impervious gloves if skin contact is possible.
Eye: Wear safety glasses if eye contact is possible.
Skin: Not required for normal use of this product.
Respiratory protection: Not required for normal use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid (Lyophilized pellet)	**Color:**	White to off-white
Molecular Formula:	Not available	**Molecular Weight:**	Not available
pH:	N/A		

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Exposure to moisture or air for prolonged periods of time
Incompatible Material: Strong oxidizing agents

Hazardous Decomposition Products: No data available
Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Chronic Toxicity: No component of this product, present at levels greater than or equal to 0.1%, is identified as probable, possible or confirmed human carcinogen by IARC.

Special Effects: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

Environmental Overview: No data available

Bioaccumulation and Toxicity: No data available

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Observe all local and national regulations when disposing of this material.

14. TRANSPORT INFORMATION

DOT:

Proper Shipping Name: Not dangerous goods
IATA Hazard Label(s): Not dangerous goods

15. REGULATION INFORMATION

OSHA Label:
No known OSHA hazards

16. OTHER INFORMATION

Prepared by: Associates of Cape Cod, Inc.

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End of Safety Data Sheet