



LyfoCults[®]

MATERIAL SAFETY DATA SHEET

Section I

Manufacturer's Name: Quality Technologies, LLC
Emergency Telephone No: (805) 498-4870 (800) 222-0728
Address: 2363 Teller Road, Newbury Park, CA 91320
Chemical Name and Synonyms: Lyophilized Microorganisms (LyfoCults[®])
Chemical Family: N/A
Formula: N/A

Section II - Hazardous Ingredients

Paints, Preservatives and Solvents: N/A
Alloys and Metallic Coatings: N/A
Hazardous Mixtures of other Liquids, Solids or Gases: N/A

Section III - Physical Data

Boiling Point: N/A
Specific Gravity: N/A
Vapor Pressure: N/A
% Volatile: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Solubility in Water: N/A
Appearance and Odor: LyfoCults[®] vials contain a lyophilized (freeze-dried) suspension of microorganisms. The suspension is "off white" and fluffy. There is no odor associated with a LyfoCults[®] suspension and because of the potential for infection, it should not be smelled.

Section IV - Fire and Explosions Hazard Data

Flash Point: N/A
Flammable Limits: N/A

Section V - Health Hazard Data

LyfoCults® are for use by properly trained individuals who are familiar with laboratory procedures necessary for working with infectious materials. Precautions must be taken against the dangers of microbiological hazards by properly sterilizing LyfoCults™ after their use.

Section VI - Reactivity Data

Hazardous Polymerization: N/A

Incompatibility: N/A

Conditions to Avoid: N/A

Hazardous Decomposition Products: N/A

Stability: Microorganisms are stable to the expiration date listed on the label.

Section VII - Spill or Leak Procedures

In case of an accidental spill, release, or breakage, immediately cover the area with paper towels and then saturate them with a germicidal agent such as household bleach, 70% ethanol or commercial germicides containing phenol or glutaraldehyde. Allow to stand at least 15 minutes. Discard all materials to a biohazard containment container. If appropriate, autoclave all items in contact with the microorganisms.

Section VIII - Special Protection Information

Respiratory Protection: When the LyfoCults® are rehydrated, precautions must be taken to avoid the generation of aerosols. The use of biological safety cabinets is highly recommended.

Protective Clothing: An individual laboratory's safety protocol should be followed. Protection from contact with infectious agents usually includes the use of gloves and laboratory coats.

Section IX - Special Precautions

See package insert for additional details on handling and disposal of LyfoCults®.

Submitted by: J. R. Greenwood, Ph.D.
Quality Technologies, LLC

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