SAFETY DATA SHEET

Product Name: HypoThermosol® FRS
SDS Date: 04 November 2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: HypoThermosol® FRS
Synonyms: HTS, HTS-FRS, FRS
Product Codes: 101102, 101104, 101204, 101373
Manufacturer: BioLife Solutions, Inc.
Address: 3303 Monte Villa Pkwy, Suite 310, Bothell, WA 98021 USA
Emergency Phone: Call local poison control center. In USA 1-800-222-1222.
Other Calls: 866.424.6543
Fax: 425.402.1433
Product Use: Hypothermic (recommended 2°C to 8°C) storage of biological material (cells, tissues and organs)

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: None
GHS Label: Pictogram: NA
Signal Word: NA
Hazard Statement: NA
Precautionary Statements: NA
Response: If on Skin: Wash with plenty of soap and water.
If in Eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. If eye irritation persists, get medical attention.
If on Clothes: Take off contaminated clothing and wash before reuse.
Storage: Protect from light during storage at 2-8°C.
Disposal: Dispose of contents/container in accordance with local/national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient: None of the ingredients in the proportions used are considered hazardous by regulating bodies worldwide.

SECTION 4: FIRST AID MEASURES

Eyes: Flush with running water for >10 minutes
Skin: Wash skin thoroughly with soap and water. Wash contaminated clothing before reuse.
Ingestion: If swallowed, give two glasses of water and induce vomiting. Never give anything to an unconscious person. Call a physician.
Inhalation: NA
Physician/First Aid Provider Notes: HypoThermosol FRS is intended for hypothermic preservation of cells, tissues and organs.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Use any suitable media for extinguishing material supporting the fire.
Special Fire Fighting Procedures: Standard measures apply.
Unusual Fire/Explosion Hazards: Not a fire or explosion hazard.
Flammability: Non-flammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate PPE (see Section 8).
Spills: Standard non-hazardous chemical spill clean-up measures apply.
Disposal: Dispose of contents/container in accordance with local/national regulations.
SECTION 7: HANDLING AND STORAGE

Handling: Use good laboratory practices while handling. Avoid inhaling vapors or mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Storage: Protect from light during storage at 2-8°C. Store in accordance with federal, state, and local regulations. Do not consume food, drink, or tobacco in areas where they may become contaminated with this material.

Engineer Controls: NA

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: NA

Ventilation: NA

Respiratory Protection: This material does not have established workplace exposure limits. Wear an appropriate NIOSH/MSHA approved air purifying respirator or positive pressure air supplied respirator in situations where a respirator is judged appropriate to prevent inhalation of vapors or mist.

Eye Protection: Chemical laboratory safety goggles or as recommended by internal laboratory.

Skin Protection: Latex/Non-Latex gloves or as recommended by internal laboratory.

Other Protective Clothing: Wear impervious clothing such as apron, boots, jumpsuit, or whole body suit as appropriate to avoid exposure.

Work Hygienic Practices: Use good laboratory precautions and practices. Wash hands following handling of material.

Exposure Guidelines: Wash exposed area thoroughly. Refer to Section 4 First Aid Measures for details.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odor: Odorless

Odor Threshold: NA

pH: 7.5 to 7.7

Melting Point: 0°C

Freezing Point: -4°C

Boiling Point: Unknown

Flash Point: Unknown

Evaporation Rate: Unknown

Flammability: NA

Upper Flammability Limit: Unknown

Lower Flammability Limit: Unknown

Vapor Pressure: Unknown

Vapor Density (Air=1): Unknown

Octanol/Water Partition Coefficient: Unknown

Auto Ignition Temperature: Unknown

Decomposition Temperature: Unknown

Viscosity: Unknown

SECTION 10: STABILITY AND REACTIVITY

Reactivity: NA

Stability: Stable

Incompatibility (Material to Avoid): NA

Hazard Class: NA

Hazardous Decomposition Products: NA

Hazardous Polymerization: NA

CONDITIONS TO AVOID (STABILITY):

Storage and use of product at elevated temperatures >22°C.

SECTION 11: TOXICOLOGICAL INFORMATION

No data available.

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal with non-hazardous materials. Observe all federal, state, and local environmental regulations.

SECTION 14: TRANSPORT INFORMATION

US Department of Transportation: Proper Shipping Name: HypoThermosol® FRS Hazard Class: NA

SECTION 15: REGULATORY INFORMATION

No data available.

SECTION 16: OTHER INFORMATION

Other Information: The data on this Safety Data Sheet relate only to the specific material herein and do not relate to use in combination with any other material or process.

Preparation Information: This information is believed to be accurate and represents the best information available to date.

Disclaimer: We make no warranty or assume any liability from its use. Users should make their own investigations to determine the suitability of the information.