

MATERIAL SAFETY DATA SHEET

Conforms to OSHA and EU 2001/58/EC

Section 1: Company and Product Identification

Product Name: **Microtube with Lithium Heparin**
Part Number(s): TP1H
Manufacturer: StatSpin, Inc., A Subsidiary of IRIS International, Inc.
Emergency Phone Number: (800) 782-8774 x 4 or contact local poison control center

Section 2: Composition and Information on Ingredients

Hazardous Ingredients: None. Under normal conditions of use, the StatSpin product listed above does not release or result in exposure to hazardous chemicals.
Composition: Glass tube. Lithium Heparin CAS number 9045-22-1.

Section 3: Hazard Identification

Emergency Overview: Solid clear glass material coated with Lithium Heparin.
Physical Hazards: When used appropriately, no adverse effects are known to be caused by the product. No physical hazards were determined from a review of available literature.
Potential Health Effects Summary: Does not meet EU, OSHA or WHMIS criteria for hazardous materials.
Product Hazard Classifications: EU: Not listed WHMIS: Exempt US OSHA: Not listed

Section 4: First Aid Measures

Inhalation: Material not likely to be inhaled in its physical state.
Eye Contact: Wear safety glasses to prevent eye contact.
Skin Contact: Not applicable.
Ingestion: Material not likely to be ingested in its physical state.

Section 5: Fire Fighting Measures

Flash Point: N/A
Flammable Limits: N/A
Auto-ignition Temperature: U/A
Extinguishing Media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.
Special Fire and Explosion Hazards: Fire or excessive heat may produce hazardous decomposition products.
Hazardous Combustion Products: Due to the nature and volume of this product, the type and amount of combustion products are negligible.
Protective Equipment for Firefighters: Self-contained breathing apparatus is generally recommended for firefighters.

Section 6: Accidental Release Measures

Personal Precautions: Not applicable with product in its physical state.
Spill and Leak Procedures: Vacuum or sweep up spillage and transfer to appropriate container for waste disposal and close container effectively.
Environmental Precautions: None identified.

Section 7: Handling and Storage

Handling Precautions: Use good laboratory practices.
Recommended Storage Conditions: To maintain efficacy, store according to the instructions on the product labeling. Do not use past the expiration date.
Other Precautions/Special Hazards: None.

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Section 8: Exposure Controls and Personal Protection

EXPOSURE LIMITS

US OSHA:	None established.
ACGIH:	None established.
DFG MAK:	None established
Engineering Controls:	Not applicable to product in its physical state.
Respiratory Protection:	Not applicable to product in its physical state.
Eye Protection:	Safety glasses should be worn to prevent eye contact.
Skin Protection:	Not applicable to product in its physical state.

Section 9: Physical and Chemical Properties

Physical State:	Solid
Color:	Clear
Transparency:	White or weak colored crystals
Odor:	Negligible
Odor Threshold:	N/A
pH:	N/A
Flash Point:	N/A
Flammable Limits:	N/A
Auto-ignition Temperature:	N/A
Boiling Point:	U/A
Melting Point:	U/A
Specific Gravity:	Approximately 0.5
Vapor Pressure:	Negligible
Vapor Density:	N/A
Evaporation Rate:	Appreciable
Coefficient of Water/Oil:	N/A
Percent Volatiles:	N/A
Solubility in water:	0.05
Solubility in organic:	U/A

Section 10: Stability and Reactivity

Stability:	Stable under normal temperatures and pressures.
Hazardous Condition	U/A
Incompatibilities:	
Hazardous Material	N/A
Incompatibilities:	
Hazardous Decomposition Products:	N/A

Section 11: Toxicological information

Toxicity Data for Hazardous Ingredients:	N/A
Primary Routes of Exposure:	Not applicable to product in its physical state.
Potential Effects of Acute Exposure:	None identified.
Potential Effects of Chronic Exposure:	None identified.
Symptoms of Overexposure:	No specific symptoms identified.
Carcinogenicity:	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I.
Other Effects:	None identified.

Section 12: Ecological information

Ecotoxicity:	No results of ecological studies are available.
Biodegradability:	No results of biodegradability studies are available.

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Mobility: No results of mobility studies are available.

Section 13: Disposal Considerations

Waste Disposal: Disposal in chemical waste dumpsite or by incineration according to Federal, State, and local laws.

Section 14: Transport Information

Transportation of this product is not regulated under ICAO, IATA, US DOT, European ADR/RVD, or Canadian TDG.

Section 15: Regulatory Information

US Federal and State Regulations

SARA 313: No ingredients listed.

CERCLA RG's, 40 CFR 302.4: No ingredients listed.

California Proposition 65: No ingredients listed.

Massachusetts MSL: No ingredients listed.

New Jersey Dept. of Health RTK List: No ingredients listed.

Pennsylvania RTK: No ingredients listed.

EU

Relative to CEE Directives: No ingredients listed. Getstoffv = None.

Class of Danger for Water: Class 0.

Canada

This product is exempt from WHMIS label and MSDS requirements.

PIN: N/A

Ingredient Disclosure List: None

Ingredients with unknown toxicological properties: Product is exempt.

Section 16: Other Information

For further information, please contact StatSpin, Inc. or your local StatSpin Distributor.

N/A = Not Applicable

U/A = Unavailable

The above information is believed to be accurate and represents the best information currently available to us. However, StatSpin makes no representation as to its comprehensiveness or accuracy. It should be used only as a guide and as a supplement to information concerning this product available from other sources. Individuals must exercise their independent judgment and make their own investigations in determining the suitability of this information for a particular purpose. StatSpin makes no warranty of merchantability or any other warranty, expressed or implied, with respect to the information set forth herein or to which the information refers. StatSpin will not be responsible for damages resulting from the use of or reliance upon this information. Disposal of hazardous materials may be subject to local laws or regulations.