

Helomics Corporation

Safety Data Sheet

Version 1.0

Revision Date: 11/15/2015

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Live Tissue Transport Media SDS

1. Product and Company Identification

- A. Name: Live Tissue Transport Media
- B. Other means of identification: Mixture
- C. Identified Uses: Laboratory Chemicals
- D. Responsible Party
 - Helomics Corporation
 - 91 43rd Street
 - Pittsburgh, PA 15201
- E. Emergency Contact
 - 1-800-547-6165

2. Hazard Identification

- A. Hazard Identification:
 - Respiratory sensitisation (Category 1), H334
 - Skin sensitisation (Category 1), H317
 - Reproductive toxicity (Category 2), H361
- B. Signal Word
 - Danger
- C. Hazard Statement
 - H317 - May cause an allergic skin reaction
 - H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
 - H361 - Suspected of damaging fertility or the unborn child
- D. Symbol



- E. Precautionary Statements
 - P201 - Obtain special instructions before use

- P202 - Do not handle until all safety precautions have been read and understood
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
- P280 - Wear protective gloves/protective clothing/eye protection/face protection
- P285 - In case of inadequate ventilation wear respiratory protection
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
- P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
- P308 + P313 - IF exposed or concerned: Get medical advice/attention
- P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
- P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
- P363 - Wash contaminated clothing before reuse
- P501 - Dispose of contents/ container to an approved waste disposal plant

F. Hazards not otherwise classified: None known.

3. Composition/information on ingredients Chemical Name: Live Tissue Shipping Media

A. Common Name: ChemoFx Shipping Media; Shipping Media

B. Hazardous Component:

Component	Percentage	Product Code
Penicillin-Streptomycin Solution, 100x	1%	30-002-CI

4. First-aid Measures

A. First aid measures

- Inhalation Remove to fresh air. If not breathing, give artificial respiration. Call a physician.
- Skin Contact Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. Call a physician.
- Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Ingestion If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Call a physician.
- Most important symptoms and effects, both acute and delayed
 - Symptoms May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Indication of any immediate medical attention and special treatment needed
 - Note to physicians Treat symptomatically.

5. Fire-fighting measures

- A. Suitable extinguishing media
 - Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 - Unsuitable extinguishing media No information available.
- B. Specific hazards arising from the chemical
 - Thermal decomposition can lead to release of irritating and toxic gases and vapor
- C. Hazardous combustion products
 - Carbon oxides. Nitrogen oxides (NO_x). Oxides of sulfur.
- D. Explosion data
 - Sensitivity to Mechanical Impact: None known.
 - Sensitivity to Static Discharge: None known.
- E. Protective equipment and precautions for firefighters
 - As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
- 6. Accidental release measures
 - A. Personal precautions, protective equipment and emergency procedures
 - Use personal protective equipment as required. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Avoid breathing vapors or mists.
 - B. Environmental precautions
 - Collect spillage. Prevent product from entering drains.
- 7. Handling and storage
 - A. Safe Handling:
 - Use Personal Protective Equipment.
 - Avoid contact with eyes, skin, and clothing.
 - Avoid Inhalation.
 - B. Incompatibilities
 - No known incompatibilities
- 8. Exposure Controls / Personal Protection
 - A. Permissible Limits
 - Contains no substances with occupational exposure limit values
 - B. Engineering Controls
 - Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
 - C. Individual Protection Measures
 - Eye/face protection
 - Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

- Skin protection
 - Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
- Body Protection
 - Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Respiratory protection
 - Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls.
 - If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Control of environmental exposure
 - Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and chemical properties

- A. Appearance: Red Liquid
- B. Odor: None Known
- C. Odor Threshold: None Known
- D. pH: Unknown
- E. Melting Point/ Freezing Point: Unknown
- F. Initial Boiling Point and Boiling Range: Unknown
- G. Flash Point: None Known
- H. Evaporation Rate: Unknown
- I. Flammability: None Known
- J. Upper/Lower Flammability or explosive limits: None Known
- K. Vapor Pressure: Unknown
- L. Vapor Density: Unknown
- M. Relative Density: Unknown
- N. Solubility(ies): Unknown
- O. Partition Coefficient: Unknown
- P. Auto-Ignition Temperature: Unknown

Q. Decomposition Temperature: Unknown

R. Viscosity: Unknown

10. Stability and reactivity

A. Reactivity: No known reactions

B. Chemical Stability: Stable under normal conditions

C. Possibility of Hazardous Reactions: No known reactions

D. Conditions to Avoid: None Known

E. Incompatible Materials: No known incompatible materials

F. Hazardous Composition Products: Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides, Sulfur Oxides

11. Toxicological Information

A. Routes, symptoms, and effects of exposure:

- Eyes:

- May cause irritation

- Skin:

- May cause irritation. May be harmful if absorbed through the skin.

- Ingestion:

- May be harmful if swallowed.

- Inhalation:

- May be harmful if inhaled. Material may be irritating to mucinous membranes and upper respiratory tract.

- Sensitization:

- Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

- Target Organ(s):

- Ears, Kidneys

- Signs/Symptoms of Exposure:

- Aminoglycosides are associated with significant nephrotoxicity and/or ototoxicity.

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

B. Numerical Toxicity: Unknown

C. No known measures of toxicity

D. Components not listed on National Toxicology Program Report on Carcinogens and not potential carcinogens on the International Agency for Research on Cancer, or by OSHA.

12. Ecological Information (Non-Mandatory)

A. Ecotoxicity: Unknown

B. Persistence and Degradability: Unknown

- C. Bioaccumulative Potential: Unknown
 - D. Mobility in Soil: Unknown
 - E. Other Adverse Effects: Unknown
13. Disposal Considerations (Non-Mandatory)
- A. Dispose of in a biohazardous waste container with a lid
14. Transport Information (Non-Mandatory)
- A. Environmental Hazards: No known environmental hazards.
 - B. This substance is considered to be non-hazardous for transport.
15. Regulatory Information (Non-Mandatory)
- A. N/A
16. Other Information:
- A. NFPA Rating
 - Health hazard: 1
 - Fire Hazard: 0
 - Reactivity Hazard: 0
 - B. Further information
 - Copyright 2015 Helomics Corporation License granted to make unlimited paper copies for internal use only.
 - C. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Helomics Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.helomics.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.
 - D. Preparation Information
 - Helomics Corporation
 - Chemical Hygiene Officer
 - 1-800-549-6407
 - E. Version: 1.0
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