
Safety Data Sheet

Section 1. Product and Company Identification

Product Name Human Heart Whole Tissue Lysate (Adult Whole Normal)
Catalog # NB820-59217
Manufacturer Novus Biologicals
10771 East Easter Avenue
Centennial, CO 80112, USA
303.730.1950 1.888.506.6887
Email: nb-customerservice@bio-techne.com
Emergency Phone # Contact your local hazardous material control center. Call 911 in case of medical emergency.

Section 2. Hazards Identification

GHS Classification
Not Classified

GHS Label elements, including precautionary statements

Pictogram: None

Signal word: None

Hazard statements

Not a hazardous substance or mixture.

Precautionary statements

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P501 Dispose of contents/ container to an approved waste disposal plant.

Section 3. Composition and Information on Ingredients

HEPES (pH 7.9), MgCl₂, KCl, EDTA, Sucrose, Glycerol, Sodium Deoxycholate, NP-40 and a cocktail of protease inhibitor. All components may be considered bio-hazardous and may contain unidentified contagious material.

Section 4. First Aid Measures

Eye: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin: Promptly remove contamination and thoroughly wash affected areas with large amounts of water with 2% bleach for at least 15 minutes.

Ingestion: Induce vomiting and get immediate medical attention. Do not induce vomiting unless directed by medical personnel.

Section 5. Fire Fighting Measures

Not flammable. Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

Keep unnecessary people away, Isolate hazard area and deny entry. Absorb on neutral material. Wash area thoroughly as infectious material.

Section 7. Handling and Storage

Always wear recommended personal protective equipment. See COA for storage information. Work under fume hood. Protect workers and environment. Store product in a safe place. Avoid unauthorized access. Handling and use as infectious material.

Section 8. Exposure Controls/Personal Protection

Effects of Overexposure: N/A

Respiratory Protection: Wear masks while handling protein sample.

Ventilation: General ventilation. Fume hoods should maintain a minimum face velocity of 100 fpm.

Protective Glove: General lab safe impermeable gloves

Eye Protection: Wear splash goggles or full-face shield. Keep eyewash station in working order.

Handling and Storage: Wear appropriate protective clothing and avoid using sharp material such as needle, blade or broken glasses. Store in cold.

Environment Protection: Treat all lab supplies that have contaminated with protein product with 2% bleach for 30 minutes, then autoclave for reusing or through away as biohazards.

Section 9. Physical and Chemical Properties

Appearance: Liquid.

Boiling Point: N/A

Specific Gravity: N/A

Vapor Density & Pressure: N/A

Solubility in H₂O: N/A

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable under recommended storage conditions.

Incompatibility: N/A

Hazardous Decomposition Products: N/A

Section 11. Toxicological Information

N/A

Section 12. Ecological Information

The product itself and its products of degradation are not toxic.

Section 13. Disposal Considerations

Waste Disposal: Disposal any waste generated by working with this product as biohazards, such as gel running buffer, column washing or elute buffer, pipette tip, tubes, bench dapper or Kimwipe. 1) Treat waste with 2% bleach for 30 minutes; 2) autoclave; 3) through away as biohazards material.

Please consult local, state and federal regulation on additional guidance on disposal.

Section 14. Transport Information

DOT (US) - Not dangerous goods.

IMDG - Not dangerous goods.

IATA - Not dangerous goods.

Additional Transport Information: transport in accordance with local, state and national regulations.

Section 15. Regulatory Information

No SARA Hazards

Section 16. Other Information

The information contained in this SDS was obtained from sources we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.