



10225 Barnes Canyon Road, 205
San Diego, CA 92121

Material Safety Data Sheet

Section # 1. Product and Company Identification

Product Name: Human Total RNA-Skin

Catalog Number: HR-101

Manufacturer: Zyagen, 10225 Barnes Canyon Road, Suite 205, San Diego, CA 92121, USA

Contact: Phone: 8585460720, Fax: 858 546 0736, e-mail: zinfo@zyagen.com

Section 2. Composition and Information on Hazardous (OSHA) Ingredients

RNA extracted from human tissue and dissolve in water. All components may be considered bio-hazardous and may contain unidentified contagious material.

Section 3. Hazards Identification

EMERGENCY OVERVIEW

Biohazard:

Handle as if capable of transmitting infectious agents.

HMIS RATING

HEALTH: 4

FLAMMABILITY: 0

REACTIVITY: 1

Section 4. First Aid Measures

Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Section 5. Fire Fighting Measures

Special Fire Fighting: N/A

Section 6. Accidental Release Measures

If released or spilled, absorb on neutral material. Wash area thoroughly.

Section 7. Handling and Storage

Handling: Keep away from heat. Wear appropriate protective clothing and gloves

Storage: Keep container tightly closed. Keep container in a cool. Store at -70oC.

Packaging materials: Use original container.

Section 8. Exposure Controls and Personal Protection

Effects of Overexposure: N/A **Respiratory Protection:** N/A.

Ventilation: General ventilation **Protective Glove:** General lab safe gloves

Eye Protection: Use general eye protection-goggles.

Handling: Wear appropriate protective clothing and gloves

Section 9. Physical and Chemical Properties

Appearance: liquid

Molecular Weight: N/A

Boiling Point: 100°C

Specific Gravity: N/A

Solubility in H₂O: Soluble

Explosive properties: Risks of explosion of the product in presence of mechanical impact: N/A

Risks of explosion of the product in presence of static discharge: N/A

Telephone: 858 546 0720

E-mail: info@zyagen.com

Fax: 858-546 0736

Web Site: www.zyagen.com



10225 Barnes Canyon Road, 205
San Diego, CA 92121

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable if stored properly.

Hazardous Decomposition Products: N/A

Section 11. Toxicological Information

RTECS: N/A

Mutagenic effects: N/A

Reproduction toxicity: N/A

Teratogenic effects: N/A

Carcinogenic effects: N/A

Acute toxicity: N/A

Chronic toxicity: N/A

Section 12. Ecological Information

Ecotoxicity: N/A

Toxicity of the Products of Biodegradation: N/A

Section 13. Disposal Considerations

Methods of disposal, waste of residues, contaminated packaging: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

International transport regulations

Land - Road/Railway: ADR/RID Class: Not controlled under ADR (Europe).

Sea: IMDG Class: Not controlled under IMDG.

Air: IATA-DGR Class: Not controlled under IATA.

Special Provisions for Transport: Not applicable

Section 15. Regulatory Information

N/A.

Section 16. Other Information

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

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. This product is intended for research use only.

Telephone: 858 546 0720
E-mail: info@zyagen.com

Fax: 858-546 0736
Web Site: www.zyagen.com