



10225 Barnes Canyon Road, 205
San Diego, CA 92121

Material Safety Data Sheet

Section 1. Product and Company Identification

Product Name: Rat Calvaria Total RNA

Catalog Number: RR-108

Manufacturer: Zyagen; 10225 Barnes Canyon Road, San Diego CA 9121, USA

Contact: 858 546 0720 (Tel) or 858 546 0736 (Fax), zinfo@zyagen.com, www.Zyagen.com

Component/Item (and Parts number if listed)

Each RNA is dissolved in RNase-free water

Section 2. Composition and Information on Hazardous (OSHA)

Ingredients

All components of the products are considered non-hazardous. As yet, the chemical, physical, and toxicological properties of these products have not been thoroughly investigated. These products contain buffers and this MSDS is written to apply to general reagents.

Section 3. Hazards Identification

Review approved and the most current institutional guideline, protocol, SOP(s) and MSDS(s) for the proper handling of institutional materials/equipment associated with the use of this BCI product.

Primary Routes of Entry:

Skin Absorption (**No**); Dermal/skin contact (**Yes**); Eye contact (**Yes**); Inhalation (**No**); Ingestion (**Yes**); Chronic Exposure (**No**).

Medical Conditions Aggravated by Exposure: Not available.

Potential Acute Health Effects: Adverse health effects are not expected from the use of this product.

Carcinogenic Effects: Not listed by NTP, IARC or OSHA.

Mutagenic Effects: Not available. **Teratogenic Effects:** Not available.

Section 4. First Aid Measures

Emergency First Aid Procedures: Wash affected area with water for at least 15 minutes. See physician.

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. Storage

See User's Manual for storage information.

Section 8. Exposure Controls and Personal Protection

Effects of Overexposure: N/A **Respiratory Protection:** None needed

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

Eye Protection: Use general eye protection-goggles.

Handling: Wear appropriate protective clothing and gloves.

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 9. Physical and Chemical Properties

Appearance: Solution.

Boiling Point: 100°C

Specific Gravit: N/A

Vapor Density & Pressure: N/A

Solubility in H₂O: Soluble

Section 10. Stability and Reactivity

Stability and Reactivity: The product is stable if stored at proper 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

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

Section 14. Transport Information

Contact BCI for all transport information.

Section 15. Regulatory Information

N/A.

Section 16. Other Information

Notice to Reader

The information contained in this MSDS was obtained from sources we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. Zyagen makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages thereto. The data are offered solely for your consideration, investigation, and verification. These suggestions should not be confused with either state, municipal, or insurance requirements, or with national safety codes and constitute no warranty. The conditions or methods if 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. **Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, and local regulations.**

N/A - Not applicable or no information available.

Telephone: 858 546 0720

E-mail: info@zyagen.com

Fax: 858-546 0736

Web Site: www.zyagen.com