



ARBOR  
ASSAYS

# Material Safety Data Sheet

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## Section 1: Product and Company Identification

Product Name **Recombinant Obelin**  
Catalog Number **L001-100UG**

Company **Arbor Assays**

1514 Eisenhower Place  
Ann Arbor, MI 48108-3284  
USA

Telephone **734-677-1774**  
Fax **734-661-1884**

## Section 2: Composition / Ingredient Information

Hazardous Ingredients This product contains no substances which are considered hazardous to health at supplied concentrations.

## Section 3: Health Hazards

Emergency Overview It is recommended that personnel wear safety goggles, gloves and protective clothing at all times. As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to this product and ensure prompt removal from skin, eye, and clothing.

## Section 4: First Aid Measures

Inhalation If inhaled, remove to fresh air.

Skin Contact Wash thoroughly with soap and water.

Eye Contact Rinse eyes with water as a precaution.

Ingestion If swallowed, wash out mouth with water if person is conscious.

### Section 5: Fire Fighting Measures

|                     |   |
|---------------------|---|
| Flash Point         | Not determined  |
| Explosion Limits    | Not determined  |
| Auto-ignition Temp  | Not determined  |
| Flammability        | Not determined  |
| Extinguishing Media | Suitable: Water spray, carbon dioxide, or dry chemical.   |
| Firefighting        | Protective Equipment: Wear self-contained breathing apparatus and protective suit if necessary. |

### Section 6: Accidental Release Measures

|                    |  |
|--------------------|--|
| Cleanup Procedures | Wear appropriate protective clothing. Wipe up spill, place in suitable, closed container for appropriate disposal. Wash area of spill with soap and water. |
| Waste Disposal     | Dispose of in accordance with federal, state, and local regulations.   |

### Section 7: Handling and Storage

|          |   |
|----------|---|
| Handling | Avoid getting this product on you or in you. Always wear appropriate protective clothing. Always wash hands and other exposed areas thoroughly after using this product. Do not eat or drink while using this product. Qualified and experienced professionals only should handle this product. |
| Storage  | Store according to the package insert instructions.   |

### Section 8: Exposure Controls and Personal Protection

|                      |   |
|----------------------|---|
| Engineering Controls | No special engineering controls are required when working with this product.  |
| Protective Equipment | Safety glasses are recommended to prevent eye contact. Chemical resistant gloves and a lab coat should be worn to prevent skin contact. |

### Section 9: Physical and Chemical Properties

|                     |                  |
|---------------------|------------------|
| Appearance          | Off-white powder |
| Odor                | None             |
| Boiling Point       | Not determined   |
| Flash Point         | Not determined   |
| Density             | Not determined   |
| Vapor Pressure      | Not determined   |
| Solubility in Water | Not determined   |
| pH                  | 7.5              |

## Section 10: Stability and Reactivity

Stability This material is stable until the expiration date on the bottle if stored as directed.

Conditions to Avoid Unintentional exposure to calcium.

Incompatibles Unknown. Handle with care.

## Section 11: Toxicological Information

### Route of Exposure

Skin Contact Not determined

Skin Absorption Not determined

Eye Contact Not determined

Inhalation Not determined

Ingestion Not determined

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

## Section 12: Ecological Information

No data is available.

## Section 13: Disposal Considerations

Dispose of waste materials, unused components and contaminated packaging in compliance with country, state, district and local regulations. If unsure of the applicable requirements, contact the authorities for information.

## Section 14: Transport Information

### U.S. and Canadian Transportation; DOT

Proper Shipping Name Not classified as dangerous per transport regulations

UN Identification Number None assigned

Class and Description None assigned

Packing Group N/A

Hazard Label Non-Hazardous for Transport

### International Air Transportation (IATA)

Proper Shipping Name Not classified as dangerous per transport regulations

UN Identification Number None assigned

Class and Description None assigned

Packing Group N/A

Hazard Label Non-Hazardous for Air Transport

## Section 15: Regulatory Information

### Product related information

The product is not subject to classification according to the sources of literature known to us.

Observe general safety regulations when handling.

### Safety Statements

Avoid release to the environment.

### Risk Statements

Harmful if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### U.S. Regulatory Information

Sara Listed: No, none of the material contained in this product is subject to SARA 313 Reporting requirements.

## Section 16: Other Information

**Disclaimer:** For Research Use Only. Not for diagnostic, therapeutic, or other uses.

**Further Information:** The information contained in this document is accurate to the best of our knowledge and is provided in good faith. This document is intended only as a guide for the appropriate precautionary handling of the material by properly trained personnel using this product. Final determination or suitability of any material is the sole responsibility of the user. Arbor Assays shall not be held liable for any damage resulting from use or handling of this product.