



Safety Data Sheet

1. IDENTIFICATION

Product Name:	Leeperter™ Luciferase Assay Reagent
Product Code:	17-1101
Product Components:	Substrate (100X), lyophilized and Assay Buffer.
Product Use:	Research
Company:	Abeomics 9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121 USA
Telephone:	1-858-263-4982
Email:	info@abeomics.com

2. INGREDIENT/COMPONENT/COMPOSITION INFORMATION

Substance: Mixture.
Other means of identification: Not available.
Ingredient: Glycerol (CAS 56-81-5). Sodium chloride (CAS 7647-14-5).
Additional ingredient: Classified.

3. HAZARDS IDENTIFICATION

OSHA Hazards

Eye Irritation hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Classification

Eye irritation (Category 2A).

Hazard Statements

H319 – Causes serious eye irritation.

Precautionary Statements

P280 - Wear eye or face protection.

P264 - Wash thoroughly after handling.

P305/P351/P338 - If in eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

Hazard Not Otherwise Classified

None known.

4. FIRST AID MEASURES



Safety Data Sheet

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes. Get medical attention.

Skin Contact: Immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious inhalation: Not available.

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.

Serious Ingestion: Not available.

5. FIRE AND EXPLOSION

Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, phosphorus oxide, halogenated compounds, metal oxide.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog, or foam. Do not use water jet.

Special Remarks on Explosion Hazards: Not available.

6. ACCIDENTAL RELEASE MEASURES

Spill: Stop leak if without risk. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements.

7. HANDLING AND STORAGE

Recommended storage temperature: -20°C

Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the



Safety Data Sheet

airborne concentration of vapors below their threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Clear. Slightly yellow.

Odor: None.

Melting Point: Not available.

Boiling Point: Not available.

Evaporation Rate: Not available.

Flammability: Not available.

Lower/Upper Explosion Limit: Not available.

Relative Vapor Density: Not available.

Relative Density: Not available.

Density: Not available.

Solubility: Easily soluble in the following materials: cold and hot water.

Decomposition Temperature: Not available.

SADT: Not available.

Viscosity: Not available.

10. STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Incompatibility with Various Substances: No specific data.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Corrosivity: Not available.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Absorbed through skin. Eye contact.

Sensitization: Not available.

Mutagenicity: Not available.

Carcinogenicity: Not available.

Reproductive toxicity: Not available.

Leratogenicity: Not available.

Specific Target Organ Toxicity: Not available.

Aspiration hazard: Not available.

Potential Acute Health Effects:

Eye contact: Causes serious eye irritation.

Inhalation: No known significant effects or critical hazards.



Safety Data Sheet

<p>Skin contact: No known significant effects or critical hazards. Ingestion: No known significant effects or critical hazards. Symptoms of Health Effects: Eye contact: Pain or irritation. Watering. Redness. Inhalation: No specific data. Skin contact: No specific data. Ingestion: No specific data. Potential Chronic Health Effects: General: No known significant effects or critical hazards. Carcinogenicity: No known significant effects or critical hazards. Mutagenicity: No known significant effects or critical hazards. Reproductive toxicity: No known significant effects or critical hazards.</p>
12. ECOLOGICAL INFORMATION
Refer to component SDS
13. DISPOSAL CONSIDERATIONS
Refer to component SDS
14. TRANSPORT INFORMATION
DOT (US) UN number: Not regulated. Environmental Hazards: No IMDG UN number: Not regulated. Environmental Hazards: No IATA UN number: Not regulated. Environmental Hazards: No
15. REGULATORY INFORMATION
OSHA Hazards: Eye irritation hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). SARA 311/312 Hazards: Eye irritation - Category 2A. HMIS (USA) Health hazard: 2. Fire hazard: 0. Physical hazard: 0. State Regulation (USA) Massachusetts: The following components are listed: Glycerin mist. New York: None of the components are listed.



Safety Data Sheet

New Jersey: The following components are listed: Glycerin; 1,2,3-Propanetriol.
Pennsylvania: The following components are listed: 1,2,3-Propanetriol.
California Prop. 65: The product does not require a Safe Harbor warning under California Prop. 65.

16. OTHER INFORMATION

The information above is believed to be accurate as of the date hereof, but is provided without warranty of any kind, does not purport to be all inclusive, and shall be used only as a guide. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed. The information is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Abeomics shall not be held liable for any damage resulting from handling or from contact with the above product.