

SAFETY DATA SHEET

Section 1: Identification

Product Identifier: Nano-Lite Luciferase Assay (#ASRV00020)

Relevant Identified Uses of Substance or Mixture and Uses Advised Against:

Recommended Use: For Research Use Only

Uses Advised against: No information

Company:

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Section 2: Hazard(s) Identification

Material Hazard Categories / GHS Classification: -

Health Hazard Effects: May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Main Symptoms: Not available

Environmental Effects: Not available

Physical and Chemical Hazards: Not available

Special Hazards: Not available

Section 3: Composition/ Information on Ingredients

Substance/Preparation: Nano-Lite Luciferase Assay Substrate (mixture)

Component Name	CAS Number	Percentage
Ethanol	64-17-5	25-50%
Propylene glycol	57-55-6	25-50%

Section 4: First-Aid Measures

- **Inhalation:** In case of irritation by inhaling this product, move affected person to fresh air and await recovery. If irritation persists, seek immediate medical attention.
- **Ingestion:** Induce vomiting. If indisposition continues, seek medical attention.
- **Skin Contact:** Wash with clean water, immediately.
- **Eye Contact:** Flush eyes with clean water for more than 15 minutes and seek medical attention.
- **Protection of First-Aiders:** Not available
- **Notes to Physician:** Not available

Section 5: Fire-Fighting Measures

- **Suitable Extinguishing Media:** Water, Carbon Dioxide, Foam, Dry Chemical Powder

Section 6: Accidental Release Measures

- **Personal Precautions:** Avoid substance contact
- **Environmental Precautions:** Do not discharge directly into sewers.
- **Small Spill:** Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Section 7: Handling and Storage

- **Handling:** Wear protective equipments and avoid contact with eyes and skin. Handle with ventilation and local exhaust system.
- **Storage:** Store in the sampling tube. Store at about -20°C.

Section 8: Exposure Controls/Personal Protection

- **Engineering Controls:** Set up good ventilation and exhaust system in the work area.
- **Respiratory Protection:** No special protective equipment required. If ventilation is poor, please wear respirators and components that are suitable for government standard testing and approval.
- **Hand Protection:** No special protective equipment required. If there is a risk of splashing, please wear safety gloves.
- **Eye Protection:** No special protective equipment required. If there is a risk of splashing, please wear safety goggles.
- **Skin Protection:** No special protective equipment required. If there is a risk of splashing, wear long sleeves to prevent contact with the skin.
- **Hygiene Measures:** Operate in accordance with good industrial hygiene and safety practices.

Section 9: Physical and Chemical Properties

- **Physical State:** Liquid
- **Color:** Yellow
- **Odour:** Alcohol-like

- **pH Value:** Not determined.
- **Boiling Point/Range:** No data available
- **Decomposition Temperature:** No data available
- **Flash Point:** No data available
- **Other Properties:** Specific gravity: 0.91 g/cm³

Section 10: Stability and Reactivity

- **Stability:** Stable under normal handling and storage conditions
- **Conditions to Avoid:** Not available
- **Materials to Avoid:** Strong acids, strong alkalines and strong oxidizers
- **Hazardous Decomposition Products:** Not available

Section 11: Toxicological Information

- **Acute Toxicity — Inhalation:** Not available
- **Acute Toxicity — Ingestion:** Not available
- **Acute Toxicity — Skin Contact:** Not available
- **Acute Toxicity — Eye Contact:** Not available
- **LD50:** Not available
- **LC50:** Not available
- **Sensitisation:** Not available
- **Chronic Toxicity — Potential Chronic Health Effects:** Not available
- **Mutagenicity:** Not available
- **Teratogenicity:** Not available
- **Reproductive Toxicity:** Not available
- **Local Effects:** Not available
- **Special Effects:** May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

Section 12: Ecological Information

- **Environmental Effects:** Not available
- **Aquatic Ecotoxicity:** Not available
- **Biodegradability:** Not available
- **Other Adverse Effects:** Not available

Section 13: Disposal Considerations

- **Methods of Disposal:** Dispose of in accordance with all applicable local and national laws and regulations.
- **Hazardous Waste:** Not available

Section 14: Transport Information

- **UN Number:** Not classified
- **Other Information:** Follow all of the laws and regulations in your respective country. To prevent packages from breaking, handle with care.

Section 15: Regulatory Information

Regulations: Follow all of the laws and regulations in your country.

Section 16: Other Information

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Last reviewed: 07/2026

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End Of MSDS