



ARBOR  
ASSAYS

# Safety Data Sheet

Revision Date: 1 March 2025

## Product Name: ThioStar<sup>®</sup> Thiol Fluorescent Detection Reagent

### Section 1: Identification

**Product Name:** ThioStar<sup>®</sup> Thiol Fluorescent Detection Reagent  
**Also known as:** L002-50UG, L002-100UG, L002-250UG or L002-500UG  
**Manufacturer / Supplier:** Arbor Assays  
1143 Highland Dr, Ste A  
Ann Arbor, MI 48108-5001 Telephone 734-677-1774 (U.S.)  
U.S.A.  
**Recommended Use:** For Research Use Only

### Section 2: Hazard(s) Identification

**Classification:** Regulation (EC) No. 1272/2008 [CLP/GHS]  
**Hazard statements:** This product contains no substances considered hazardous to health at supplied concentrations.  
**Precautionary statements:** Wear protective gloves, clothing, and eye/face protection. As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to these products and ensure prompt removal from skin, eye, and clothing.

### Section 3: Information on Ingredients

Information on the specific composition of this product is being withheld as a trade secret of the manufacturer.

### 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

**Extinguishing Media:** Suitable: Water spray. Carbon Dioxide, dry chemical powder.  
**Firefighting:** Protective Equipment: Wear self-contained breathing apparatus and protective clothing 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 product on you or in you. Always wear appropriate protective clothing. Always wash hands and other exposed areas thoroughly after using product. Do not eat or drink while using product. Qualified and experienced professionals only should handle product.
Storage	Store according to the package insert instructions.

**Section 8: Exposure Controls / Personal Protection**

Engineering Controls	No special engineering controls are required when working with this kit.
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**

<u>Characteristic</u>	
Appearance	Yellow crystalline
Odor	Negligible
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Density	N/A
Vapor Pressure	N/A
Solubility in Water	N/A
pH	N/A

**Section 10: Stability and Reactivity**

Stability	This material is stable until the expiration date on the bottle if stored as directed on product specific information.
Incompatibilities	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
<u>Symptoms of Exposure</u>	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 chemicals.

### 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 to the appropriate precautionary handling of the materials contained in this product by properly trained personnel using this product. Final determination or suitability of any materials 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.