



ARBOR
ASSAYS

Safety Data Sheet

Revision Date: 29 September 2015

Product Name: ThioStar[®] Thiol Fluorescent Detection Reagent

Section 1: Identification

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|--------------------------------|---|-----------|--|
| Product Name: | ThioStar [®] Thiol Fluorescent Detection Reagent | | |
| Also known as: | L002-50UG, L002-100UG, L002-250UG or L002-500UG | | |
| Manufacturer / Supplier | Arbor Assays 1514 Eisenhower Place Ann Arbor, MI 48108-3284 U.S.A. | Telephone | 734-677-1774 (U.S.) Fax 734-677-6860 (U.S.) |
| 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

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|--------------|---|
| 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

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|----------------------------|---|
| 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

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|--------------------|--|
| 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

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|----------|---|
| 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

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|----------------------|---|
| 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

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|-----------------------|--------------------|
| <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

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|-------------------|--|
| 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

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|-----------------|----------------|
| 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 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.