



SAFETY DATA SHEET

Section 1: Identification

- 1.1. Product identifier
 - 1.1.1. Product Name: Fluid Thioglycollate Medium (FTM)
 - 1.1.2. Product Number: B159, B159-120, B159-121
- 1.2. Recommended use of product
 - 1.2.1. Used for Microbiology and other laboratory processes.
- 1.3. Company information
 - 1.3.1. Manufacturer: Millennium LifeSciences, Inc.
CultureMediaConcepts®
 - 1.3.2. Address: 970 E. Orangethorpe Ave. Unit A
Anaheim, CA 92801 USA
 - 1.3.3. Phone: 1.714.773.1726
 - 1.3.4. Emergency phone: 1.714.773.1726
 - 1.3.5. Email: info@mlscmc.com

Section 2: Hazard(s) Identification

- 2.1. Classification of the substance or mixture
 - 2.1.1. Classification: This product contains no hazardous constituents, or the concentration of all chemical constituents are below the regulatory threshold limits described by OSHA Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, and 93/112/EC.
- 2.2. GHS Label elements, including precautionary statements
 - 2.2.1. Not a hazardous substance or mixture.
- 2.3. Other hazards:
 - 2.3.1. None

Section 3: Composition/Information on Ingredients

- 3.1. Substances
 - 3.1.1. Not relevant (mixture).
- 3.2. Mixtures
 - 3.2.1. This product is a mixture of the substances listed below with the addition of non-hazardous Materials

Chemical	Concentration	CAS No.	EC No.	H-Statements	Symbols
Sodium Thioglycollate	<1%	7367-51-1	206-696-4	H302, H315, H319	GHS07

Section 4: First-Aid Measures

- 4.1. First-aid measures
 - 4.1.1. General
 - 4.1.1.1. In case of doubt, or when symptoms persist, seek medical attention. In general, this product is not hazardous to humans or animals, but like any other chemical, it should be treated with care, respect, and Current Good Manufacturing Practicing.
 - 4.1.2. Contact with skin
 - 4.1.2.1. Remove contaminated clothing. Wash affected area with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Contaminated clothing should be laundered before reuse.



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- 4.1.3. Contact with eyes
 - 4.1.3.1. If substance has gotten into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly while lifting eyelids. Seek medical advice if necessary.
- 4.1.4. Ingestion
 - 4.1.4.1. If swallowed, wash mouth out with water provided person is conscious. Seek medical attention immediately.
- 4.1.5. Inhalation
 - 4.1.5.1. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- 4.2. Most important symptoms and effects, both acute and delayed
 - 4.2.1. The most important known symptoms are described in the labeling (see Section 2.2) and/or in Section 11.
- 4.3. Indication of any immediate medical attention and special treatment needed
 - 4.3.1. Treat symptomatically.

Section 5: Fire-Fighting Measures

- 5.1. Suitable Extinguishing Media
 - 5.1.1. Use carbon dioxide, dry chemical powder, or appropriate foam.
- 5.2. Special hazards arising from the substance or mixture
 - 5.2.1. Development of hazardous combustion gases or vapors may be possible in the event of fire.
- 5.3. Recommendations for firefighters
 - 5.3.1. Firefighters should wear protective equipment and self-contained breathing apparatus.

Section 6: Accidental Release Measures

- 6.1. Personal precautions, protective equipment, and emergency procedures
 - 6.1.1. Avoid contact with skin and eyes.
 - 6.1.2. Remove contaminated clothing.
 - 6.1.3. Wear protective clothing as per Section 8.
 - 6.1.4. Wash thoroughly after dealing with spillage.
- 6.2. Environmental Precautions
 - 6.2.1. Do not let product enter drains.
- 6.3. Methods and materials used for containment
- 6.4. Cleanup Procedures
 - 6.4.1. Contact safety officer and ventilate area. Absorb spill with inert material, including dry-lime, sand, or soda ash, then place into a chemical waste container using non-sparking tools. Wash spill site after material pickup is complete.

Section 7: Handling and Storage

- 7.1. Precautions for safe handling
 - 7.1.1. Do not ingest.
 - 7.1.2. Do not breathe vapor.
 - 7.1.3. Avoid contact with eyes, skin, and clothing.
 - 7.1.4. Do not eat, drink, or smoke when using this product.
 - 7.1.5. Ensure adequate ventilation.
 - 7.1.6. Eyewash bottles or station should be available.

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- 7.2. Conditions for safe storage, including any incompatibilities
 - 7.2.1. Store at temperatures not exceeding 25°C/77°F. Keep cool.
 - 7.2.2. Store in a well-ventilated place. Keep container tightly closed.
 - 7.2.3. Store in a dry place protected from light.
 - 7.2.4. Keep away from oxidizing substances.

Section 8: Exposure Controls/Personal Protection

- 8.1. Engineering Controls
 - 8.1.1. Do not use compressed air by filling, discharging, or handling the product. Proper ventilation, safety shower, and eye bath required.
- 8.2. Personal Protective Equipment
 - 8.2.1. Wear suitable protective clothing such as gloves, safety glasses, and lab coat. No respiratory protection is needed if ventilation/extraction is adequate.
 - 8.2.2. Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
 - 8.2.3. Wear safety glasses approved to standard for NIOSH (US) or EN 166(EU).
- 8.3. Exposure controls
 - 8.3.1. Eyewash bottles should be available.

Section 9: Physical and Chemical Properties

- 9.1. Information on physical and chemical properties
 - 9.1.1. Appearance: Light amber liquid, upper layer may be medium pink and become pink throughout after shaking.
 - 9.1.2. Odor: No information available.
 - 9.1.3. Odor threshold: No information available.
 - 9.1.4. pH: Not applicable
 - 9.1.5. Melting point/Range: No information available.
 - 9.1.6. Boiling point/Range: Not determined
 - 9.1.7. Flashpoint: No information available.
 - 9.1.8. Evaporation Rate: No information available.
 - 9.1.9. Flammability: No information available.
 - 9.1.10. Vapor Pressure: No information available.
 - 9.1.11. Vapor Density: No information available.
 - 9.1.12. Relative Density: No information available.
 - 9.1.13. Solubility in water: Completely soluble in water.
 - 9.1.14. Partition Coefficient (n-Octanol/Water): No information available.
 - 9.1.15. Autoignition Temperature: No information available.
 - 9.1.16. Decomposition temperature: No information available.
 - 9.1.17. Explosive Properties: Product does not present an explosion hazard
 - 9.1.18. Viscosity: No information available.
- 9.2. Other information:
 - 9.2.1. No information available.

Section 10: Stability and Reactivity

- 10.1. Reactivity

- 10.1.1. No information available.
- 10.2. Chemical stability
 - 10.2.1. Sensitivity to light.
 - 10.2.2. Considered stable under normal conditions.
- 10.3. Possibility of hazardous reactions
 - 10.3.1. No hazardous reactions known if used for its intended purpose.
- 10.4. Conditions to avoid
 - 10.4.1. Avoid strong oxidizing agents.
 - 10.4.2. Keep away from extreme temperatures.
- 10.5. Incompatible materials
 - 10.5.1. Incompatible with strong oxidizing agents.
- 10.6. Hazardous decomposition products
 - 10.6.1. Decomposition products may include Carbon oxides.

Section 11: Toxicological Information

- 11.1. Information on toxicological effects
 - 11.1.1. No experimental test data available for the mixture
 - 11.1.2. ATE_{mix} = 4,506 mg/kg (oral)
 - 11.1.3. Contact with skin
 - 11.1.3.1. May cause redness and irritation in sensitive individuals.
 - 11.1.4. Contact with eyes
 - 11.1.4.1. May cause redness and irritation in sensitive individuals.
 - 11.1.5. Ingestion
 - 11.1.5.1. Product is not toxic, but may cause irritation of the throat and/or nausea in sensitive individuals.
 - 11.1.6. Inhalation:
 - 11.1.6.1. May cause irritation in sensitive individuals
 - 11.1.7. Carcinogenicity
 - 11.1.7.1. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens.
Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.
Not listed in OSHA standard 1910.1003 Carcinogens.
 - 11.1.8. Mutagenicity
 - No evidence of mutagenic effects
 - 11.1.9. Teratogenicity
 - 11.1.9.1. No information available

Section 12: Ecological Information

- 12.1. Toxicity: This product is not classified as hazardous to the environment under U.S. regulations
- 12.2. Persistence and degradability: No information available.
- 12.3. Bioaccumulation Potential: No information available.
- 12.4. Mobility in soil: No information available.
- 12.5. Results of PBT and vPvB assessment
 - 12.5.1. Not a PBT according to REACH Annex XIII
 - 12.5.2. PBT/vPvB assessment not available
- 12.6. Other adverse effects
 - 12.6.1. To the best of our knowledge, the properties of this material have not been fully evaluated

12.6.2. On available data, substance is not harmful to the environment

Section 13: Disposal Considerations

13.1. Waste treatment methods

13.1.1. Disposal should be in accordance with local, state, or national legislation.

13.2. Contaminated packaging

13.2.1. Dispose of as unused product.

Section 14: Transport Information

14.1. UN number: Not classified as hazardous for transport

14.2. UN proper shipping name: Not applicable

14.3. Transport hazard class(es): Not applicable

14.4. Packing group number: Not applicable

14.5. Environmental hazards: Not classified

14.6. Special precautions for user: Not classified.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not classified.

14.8. Domestic Surface Transport (US DOT)

14.8.1. Proper Shipping Name: Not applicable

14.8.2. DOT UN No.: Not applicable

14.8.3. DOT Hazard Class: Not applicable

14.8.4. DOT Packaging Group: Not applicable

14.9. International Road/Rail (ADR/RID)

14.9.1. Proper Shipping Name: Not applicable

14.9.2. ADR UN No.: Not applicable

14.9.3. ADR Hazard Class: Not applicable

14.9.4. ADR Packing Group: Not applicable

14.9.5. Tunnel Code: Not applicable

14.10. Ocean/Sea (IMO/MDG)

14.10.1. Proper Shipping Name: Not applicable

14.10.2. IMDG UN No.: Not applicable

14.10.3. IMDG Hazard Class: Not applicable

14.10.4. IMDG Pack Group.: Not applicable

14.11. Air (ICAO/IATA)

14.11.1. Proper Shipping Name: Not applicable

14.11.2. ICAO Un No.: Not applicable

14.11.3. ICAO Hazard Class: Not applicable

14.11.4. ICAO Packing Group: Not applicable

Section: 15: Regulatory Information

15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture

15.1.1. This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010 and OSHA Hazard Communication Standard 29 CFR 1910.1200.

15.1.2. Regulation (EC) No. 1272/2008 on the classification, labelling, and packaging of substances and mixtures (CLP Regulation) applies in Europe.

15.2. Chemical Safety Assessment: No information available

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15.3. United States Regulatory Information

15.3.1. Domestic/Non-Domestic Substances Lists (DSL/NDL)

15.3.1.1. All ingredients listed or exempt, no restrictions.

15.3.2. Toxic Substances Control Act (TSCA)

15.3.2.1. All ingredients listed or exempt.

15.3.3. Massachusetts Right to Know Components

15.3.3.1. This product contains no hazardous substances at or above reporting levels.

15.3.4. New Jersey Worker and Community Right to Know Act

15.3.4.1. This product contains no hazardous substances at or above reporting levels.

15.3.5. Pennsylvania Right to Know Law

15.3.5.1. This product contains no hazardous substances at or above reporting levels.

15.3.6. Rhode Island Right-to-Know General Law

15.3.6.1. This product contains no hazardous substances at or above reporting levels.

15.3.7. SARA 302 Components

15.3.7.1. This product does not contain any components with a section 302 EHS TPQ.

15.3.8. SARA 313 Components

15.3.8.1. This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

15.3.9. SARA 311/312 Components

15.3.9.1. No SARA Hazards.

15.3.10. California Prop 65

15.3.10.1. This product does not contain hazardous substances at or above reporting levels.

Section 16: Other Information

16.1. This document is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. These suggestions should not be confused with state, municipal or insurance requirements, and constitute NO WARRANTY. Millennium LifeSciences, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.