



SAFETY DATA SHEET

Section 1: Identification

- 1.1. Product identifier
 - 1.1.1. Product Name: Tryptic Soy Broth (TSB)
 - 1.1.2. Product Number: V311, V311-50, V311-120
- 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 does not contain any hazardous substances at the concentration limits given in the Regulation (EC) No. 1272/2008 and OSHA Hazard Communication Standard 29 CFR 1910.1200

Section 4: First-Aid Measures

- 4.1. First-aid measures
 - 4.1.1. Contact with skin
 - 4.1.1.1. Remove contaminated clothing. Wash affected area with plenty of soap and water.
Contaminated clothing should be laundered before reuse.
 - 4.1.2. Contact with eyes
 - 4.1.2.1. If substance has gotten into eyes, immediately wash out with plenty of water.
 - 4.1.2.2. Remove contact lenses.
 - 4.1.3. Ingestion
 - 4.1.3.1. If swallowed, wash mouth out with water provided person is conscious. Consult a doctor if feeling unwell.
 - 4.1.4. Inhalation
 - 4.1.4.1. If inhaled, supply fresh air.



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- 4.2. Most important symptoms and effects, both acute and delayed
 - 4.2.1. Not considered hazardous.
- 4.3. Indication of any immediate medical attention and special treatment needed
 - 4.3.1. No information available.
 - 4.3.2. 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.
- 6.2. 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. Ensure adequate ventilation.
- 7.2. Conditions for safe storage, including any incompatibilities
 - 7.2.1. Store at temperatures not exceeding 30°C/86°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.

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

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- 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 to medium amber, liquid.
 - 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.

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Section 11: Toxicological Information

- 11.1. Information on toxicological effects
 - 11.1.1. No experimental data available
 - 11.1.2. Contact with skin
 - 11.1.2.1. No data available
 - 11.1.3. Contact with eyes
 - 11.1.3.1. No data available
 - 11.1.4. Inhalation:
 - 11.1.4.1. No data available
 - 11.1.5. Carcinogenicity
 - 11.1.5.1. IARC: No components at >0.01% are listed.
 - 11.1.5.2. ACGIH: No components at >0.01% are listed.
 - 11.1.5.3. NTP: No components at >0.01% are listed.
 - 11.1.5.4. OSHA: Not listed in the OSHA standard 1910.1003 Carcinogens.
 - 11.1.6. Mutagenicity
 - 11.1.6.1. No evidence of mutagenic effects
 - 11.1.7. Teratogenicity
 - 11.1.7.1. No information available.

Section 12: Ecological Information

- 12.1. Toxicity: No information available.
- 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. DOT (US): Not classified as dangerous goods.
- 14.2. IMDG: Not classified as dangerous goods.
- 14.3. IATA: Not classified as dangerous goods.
- 14.4. Transport hazard class(es): Not classified as dangerous goods.
- 14.5. Packing group number: Not classified as dangerous goods.
- 14.6. Environmental hazards: Not classified as dangerous goods.

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- 14.7. Guidance on transport in bulk (according to Annex II of MARPOL 73/78 and IBC code): Not classified as dangerous goods.

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
- 15.3. United States Regulatory Information
- 15.3.1. Domestic/Non-Domestic Substances Lists (DSL/NDSL)
 - 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.