



SAFETY DATA SHEET

Section 1: Identification

- 1.1. Product identifier
 - 1.1.1. Product Name: **Buffered Peptone Water, DiluteReady® bag**
 - 1.1.2. Product Number: **B127, B127-1L, B127-2L, B127-425, B127-450, B127-900**
- 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. Components
 - 3.2.1. No hazardous ingredients.

Chemical	Concentration	CAS No.	EC No.	H-Statements	Symbols

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.
 - 4.1.3. Contact with eyes

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- 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, make victim drink water (two glasses at most) wash mouth out with water provided person is conscious. Seek medical attention if feeling unwell.
- 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 water, carbon dioxide, dry chemical powder, or appropriate foam.
- 5.2. Special hazards arising from the substance or mixture
- 5.3. Unsuitable extinguishing media
 - 5.3.1.1. For this substance/mixture no limitation of extinguishing agents are given.
- 5.4. Development of hazardous combustion gases or vapors may be possible in the event of fire.
- 5.5. Recommendations for firefighters
 - 5.5.1. 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. Avoid inhalation of vapors/aerosols or dusts.
 - 6.1.4. Wear protective clothing as per Section 8.
 - 6.1.5. Wash thoroughly after dealing with spillage.
- 6.2. Environmental Precautions
 - 6.2.1. No special precautionary measures necessary.
- 6.3. Methods and materials used for containment and cleanup procedures
 - 6.3.1. Observe possible materials restrictions (see sections 7 and 10).
 - 6.3.2. Take up with suitable equipment. Dispose of properly. Clean up affected area.

Section 7: Handling and Storage

- 7.1. Precautions for safe handling (see section 2.2).
- 7.2. Advice on safe handling
 - 7.2.1. Observe label precautions
 - 7.2.2. Do not breathe vapor. Do not ingest. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when using this product.
 - 7.2.3. Ensure adequate ventilation.
 - 7.2.4. Eyewash bottles or station should be available.

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- 7.3 Conditions for safe storage, including any incompatibilities
 - 7.3.1 Store at temperatures not exceeding 25°C/77°F. Keep cool.
 - 7.3.2 Store in a well-ventilated place. Keep container tightly closed.
 - 7.3.3 Store in a dry place protected from light.
- 7.4 Storage Class
 - 7.4.1 10, Combustible liquids

Section 8: Exposure Controls/Personal Protection

- 8.1 Engineering Controls
 - 8.1.1 No data available.
- 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: Culture media ready for use
 - 9.1.2 Color: Clear, light yellow
 - 9.1.3 Odor: Characteristic.
 - 9.1.4 Odor threshold: No information available.
 - 9.1.5 pH: 7.0 (ready to use solution)
 - 9.1.6 Melting point/Range: No information available.
 - 9.1.7 Boiling point/Range: Not determined
 - 9.1.8 Flashpoint: No information available.
 - 9.1.9 Evaporation Rate: No information available.
 - 9.1.10 Flammability: No information available.
 - 9.1.11 Vapor Pressure: No information available.
 - 9.1.12 Vapor Density: No information available.
 - 9.1.13 Relative Density: No information available.
 - 9.1.14 Solubility in water: Completely soluble in water (68 °F / 20 °C).
 - 9.1.15 Partition Coefficient (n-Octanol/Water): No information available.
 - 9.1.16 Autoignition Temperature: No information available.
 - 9.1.17 Decomposition temperature: No information available.
 - 9.1.18 Explosive Properties: Product does not present an explosion hazard
 - 9.1.19 Viscosity: No information available.
- 9.2 Other information:
 - 9.2.1 No information available.

Section 10: Stability and Reactivity

10.1 Reactivity

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- 10.1.1 No information available.
- 10.2 Chemical stability
 - 10.2.1 The product is chemically stable under standard ambient conditions (room temperature).
- 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 No information available
- 10.5 Incompatible materials
 - 10.5.1 No data available
- 10.6 Hazardous decomposition products
 - 10.6.1 In the event of fire: see section 5

Section 11: Toxicological Information

- 11.1 Information on toxicological effects
 - 1.1.1. No experimental test data available for the mixture
- 11.2 Acute toxicity
 - 11.2.1 Oral: No data available
 - 11.2.2 Inhalation: No data available
 - 11.2.3 Dermal: No data available
- 11.3 Skin corrosion/irritation
 - 11.3.1 Remarks: No data available
- 11.4 Serious eye damage/ eye irritation
 - 11.4.1 Remarks: No data available
- 11.5 Respiratory or skin sensitization
 - 11.5.1 Remarks: No data available
- 11.6 Carcinogenicity
 - 11.6.1 Not listed in the National Toxicology Program (NTP) 13th report. No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
- 11.7 Germ cell mutagenicity
 - 11.7.1 No data available
- 11.8 Teratogenicity
 - 11.8.1 No data available
- 11.9 Aspiration hazard
 - 11.9.1 No data Available
- 11.10 Additional information
 - 11.10.1 We have no description of any toxic symptoms. Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. Handle in accordance with good industrial hygiene and safety practice.

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 On available data, substance is not harmful to the environment when the product is handled and used with due care and attention.

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

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- 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/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.