



## SAFETY DATA SHEET

### SECTION 1: PRODUCT IDENTIFICATION

Product Name: pM Buffer  
Gator Part Number: 120044 – 50 mL  
Unit of Measure: Bottle (50 mL)  
Recommended Use: For research and development use only. Not for human consumption or therapeutic use.  
Manufacturer/Supplier: Gator Bio, 2455 Faber Place, Palo Alto, CA 94303 USA  
Phone: 1-855-208-0743

### SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: This product is not classified as hazardous according to the Globally Harmonized System (GHS). It is a non-hazardous material.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

| Chemical Name           | CAS Number | EC Number | Concentration (%) | Hazard Classification       |
|-------------------------|------------|-----------|-------------------|-----------------------------|
| Phosphate Buffer Saline | N.A.       | N.A.      | ~99%              | Not classified as hazardous |

### SECTION 4: FIRST-AID MEASURES

General Information: No special first-aid measures are required under normal conditions of use.

### SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Non-flammable. Use extinguishing media appropriate for the surrounding fire.

Unsuitable Extinguishing Media: Not applicable.

Specific Hazards Arising from the Chemical: Product is non-combustible and does not present a fire hazard.  
Special Protective Equipment and Precautions: No special protective equipment is needed for the product itself.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Handle with standard good laboratory practices.  
Environmental Precautions: Not an environmental hazard.

### SECTION 7: HANDLING AND STORAGE

Personal Precautions: Wear a lab coat, safety glasses, and gloves.  
Conditions for Safe Storage: Store refrigerated at 2-8°C unless otherwise specified.

### SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Precautions for Safe Handling: Handle with standard good laboratory practices.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid.  
Odor: None.  
Odor Threshold: Not applicable.  
Flammability: Not flammable.  
Solubility: Not applicable.



#### SECTION 10: STABILITY AND REACTIVITY

|                                   |                                              |
|-----------------------------------|----------------------------------------------|
| Reactivity:                       | Stable under recommended storage conditions. |
| Incompatible Materials:           | None known.                                  |
| Hazardous Decomposition Products: | None known.                                  |

#### SECTION 11: TOXICOLOGICAL INFORMATION

|           |                                       |
|-----------|---------------------------------------|
| Toxicity: | This product is not considered toxic. |
|-----------|---------------------------------------|

#### SECTION 12: ECOLOGICAL INFORMATION

|                                |                                       |
|--------------------------------|---------------------------------------|
| Ecotoxicity:                   | It is not harmful to the environment. |
| Persistence and Degradability: | This product is biodegradable.        |

#### SECTION 13: DISPOSAL CONSIDERATIONS

|                          |                                                                                                                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste Treatment Methods: | Dispose of in accordance with all local, state, and national regulations. The solution can typically be disposed of down the drain with a large amount of water, unless specified otherwise by local law |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### SECTION 14: TRANSPORT INFORMATION

|            |                                      |
|------------|--------------------------------------|
| Transport: | Not regulated as hazardous material. |
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#### SECTION 15: REGULATORY INFORMATION

|             |                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------|
| Regulation: | This product is not classified as hazardous and is not subject to specific regulatory requirements. |
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#### SECTION 16: OTHER INFORMATION

SDS Creation Date: September 23, 2025

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