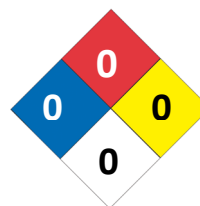




# Safety Data Sheet

## Phosphate Buffered Saline (PBS) 1X w/o Ca & Mg, Sterile Solution

1L



<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>0</b>

Section 1: Product and Company Identification	
<b>Product Name:</b> Phosphate Buffered Saline (PBS) 1X w/o Ca & Mg, Sterile Solution  <b>Catalog Number:</b> BSS-PBS-1X6  <b>Recommended Use:</b> General laboratory agent  <b>Restrictions of Use:</b> Intended for further manufacturing, laboratory or research use only. Contains no antimicrobial agents.	<b>Company:</b> Intermountain Life Sciences, LLC 8095 S. Welby Park Drive West Jordan, UT 84088  <b>Telephone:</b> 801-282-8610

Section 2: Hazard Identification
<b>Hazard Classification:</b> Not a hazardous substance or mixture  <b>Signal Word:</b> Non hazardous  <b>Hazard statements:</b> None  <b>Precautionary statements:</b> Not a hazardous substance or mixture

Section 3: Composition/ Information on Ingredients			
Product Name	CAS #	EC #	% By Weight
Water for Injection	7732-18-5	231-791-2	99.01%
Potassium Phosphate monobasic (KH <sub>2</sub> PO <sub>4</sub> )	7778-77-0	231-913-4	0.02%
Sodium Chloride	7647-14-5	231-598-3	0.90%
Sodium Phosphate dibasic (Na <sub>2</sub> HPO <sub>4</sub> ·7H <sub>2</sub> O)	7782-85-6	237-707-0	0.07%

**Section 4: First Aid Measures**

**Eye Contact:** Protect unexposed eye. Rinse/flush exposed eye(s) gently using water for 15-20 minutes. Remove contact lenses if available to do so. Seek medical attention if irritation or discomfort persists.

**Skin Contact:** Rinse with plenty of water. Seek medical attention if irritation or discomfort persists.

**Inhalation:** Move exposed individual to fresh air. Seek medical advice if discomfort or irritation persists. If breathing is difficult, give oxygen.

**Ingestion:** Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Seek medical attention if irritation, discomfort or vomiting persists.

**Symptoms and Effects, both Acute and Delayed:** No known effects under normal use conditions.

**Section 5: Fire Fighting Measures**

**Flammability of the Product:** Non-flammable

**Auto-Ignition Temperature:** Not applicable

**Flash Points:** Not applicable

**Flammable Limits:** Not applicable

**Products of Combustion:** Not applicable

**Fire Hazards in Presence of Various Substances:** Not applicable

**Explosion Hazards in Presence of Various Substances:** Not applicable

**Fire Fighting Media and Instructions:** Use NIOSH approved respiratory protection/ breathing apparatus

**Special Remarks on Fire Hazards:** Not available

**Special Remarks on Explosion Hazards:** Not available

**Suitable extinguishing media:** Water spray. Carbon dioxide (CO<sub>2</sub>). Foam Dry chemical.

**Section 6: Accidental Release Measures**

**Small Spill Cleanup:** Mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.

**Large Spill Cleanup:** Absorb with an inert dry material and place the spilled material in an appropriate waste disposal container. Prevent from reaching drains, sewer or waterway.

**Section 7: Handling and Storage**

**Handling:** Always wear recommended Personal Protective Equipment. No special handling advice required.

**Storage:** Storage Temperature 15-30°C, Keep lid tight. Keep in a dry, cool and well-ventilated place.

**Section 8: Exposure Controls/ Personal Protection**

**Exposure Limit Values:** Not available

**Exposure Controls:**

Product related measures to prevent exposure: Observe the expiry date

Personal Protective Equipment:

Respiratory Protection: No personal respiratory protective equipment is required.

Hand Protection: Impermeable and resistant gloves

Eye Protection: Safety glasses

Protective Clothing: Lab coat

**Engineering Controls:** Emergency eye wash fountains should be available in the immediate vicinity of use or handling.

**Section 9: Physical and Chemical Properties**

**Physical State and Appearance:** Liquid

**Odor:** Odorless

**Taste:** Not available

**Molecular Weight:** Not available

**Color:** Colorless

**pH:** 7.2

**Boiling Point:** Not available

**Melting Point:** Not available

**Freezing Point:** Not available

**Critical Temperature:** Not available

**Specific Gravity:** 1

**Vapor Pressure:** Not available

**Vapor Density:** >1

**Volatility:** Not available

**Odor Threshold:** Not available

**Water/Oil Distribution Coefficient:** Not available

**Ionicity (in Water):** Not available

**Dispersion Properties:** Not applicable

**Solubility:** Soluble in water

**Section 10: Stability and Reactivity**

**Stability:** Stable if used and stored according to specifications

**Instability Temperature:** Not available

**Conditions of Instability:** Incompatible materials, excess heat

**Incompatibility with Various Substances:** Not available

**Corrosivity:** Not available

**Special Remarks on Reactivity:** Not available

**Special Remarks on Corrosivity:** Not available

**Polymerization:** Not available

**Section 11: Toxicological Information****Principle Routes of Exposure/Potential Health Effects**

**Eyes:** May cause eye irritation with susceptible persons.

**Skin:** May cause skin irritation with susceptible persons.

**Inhalation:** May be harmful by inhalation.

**Ingestion:** May be harmful if swallowed.

**Carcinogenic effects:** None

**Mutagenic effects:** None

**Reproductive toxicity:** None

**Sensitization:** None

**Target Organ Effects:** No known effects under normal use conditions.

**Section 12: Ecological Information**

**Ecotoxicity effects:** No information available.

**Mobility:** No information available.

**Biodegradation:** No information available.

**Bioaccumulative Potential:** Does not bioaccumulate.

**Overall Evaluation:** On the basis of existing data about the elimination/ degradation and bioaccumulation, potential longer term damage to the environment is unlikely.

**BOD5 and COD:** Not available

**Section 13: Disposal Considerations**

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Do not allow product to reach sewage system or open water. It is the responsibility of the waste generator to properly characterize all materials according to applicable regulatory entities. Neutralize with dilute acid solutions.

**Section 14: Transportation Information**

**UN- Number:** Not regulated  
**UN proper shipping name:** Not regulated  
**Transport hazard class:** Not regulated  
**Packaging Group:** Not regulated

**Section 15: Regulatory Information****U.S. Federal Regulations:**

**SARA 313:** This product is not regulated by SARA.

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61):** This product does not contain HAPs.

**U.S. State Regulations:**

**California Proposition 65:** This product does not contain chemicals listed under Proposition 65.

**Other Classifications:**

WHMIS (Canada): Not controlled

**Section 16: Other Information**

The regulations published by OSHA for Hazard Communication, 29 CFR 1910.1200, and 1907/2006/EC and are used as the basis for the development of the SDS.

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**Revision:** 01