

MATERIAL SAFETY DATA SHEET (MSDS)

IDENTIFICATION:

Product Name ELISA Coating Buffer (5X)
Catalog No. 421701

The product is provided as an aqueous buffer solution containing sodium carbonate and sodium bicarbonate.

HAZARDOUS INGREDIENTS:

The solution does not contain hazardous materials, or the concentrations are below the regulatory limits according to OSHA standard 29CFR 1910.1200

PHYSICAL DATA:

- ◆ Physical State: Odorless, colorless, clear liquid
- ◆ Boiling point: Undetermined
- ◆ Melting point: Undetermined
- ◆ Vapor pressure: Not applicable
- ◆ Vapor density: Not applicable
- ◆ Solubility in water: Soluble

REACTIVITY DATA:

The product has no known dangerous reactions, nor known dangerous decomposition products. Avoid strong oxidizers.

FIRE AND EXPLOSION HAZARD DATA:

There is no unusual fire or explosion hazard associated with this product.

- ◆ Flash point: Not applicable
- ◆ Flammable Limits in Air: Not applicable
- ◆ Extinguishing media: Water, carbon dioxide, dry chemical powder, alcohol resistant foam
- ◆ Fire fighting procedures: Wear self-contained breathing apparatus. Wear fully protective suit.

HEALTH HAZARD DATA:

Based on our knowledge, when used and handled according to specification, the product does not have harmful effects.

- ◆ Ingestion: May be harmful if swallowed
- ◆ Skin contact: No irritating effect
- ◆ Eye contact: No irritating effect
- ◆ Emergency first aid procedures:
 - Skin: Immediately wash with water and soap. Rinse with water thoroughly.
 - Eyes: Flush immediately with water for at least 15 minutes.
 - Inhaled: Supply with fresh air or oxygen.
 - Ingested: Immediately wash mouth with plenty of water. Consult doctor if discomfort persists.

SPILL, LEAK AND DISPOSAL PROCEDURES:

If spilled or leaked, collect on absorbent. Small quantity can be disposed with solid waste. Disposal should be in accordance with ALL FEDERAL, STATE, and LOCAL ENVIRONMENTAL REGULATIONS. This product is not considered a RCRA hazardous waste.

PROTECTION INFORMATION:

Follow good laboratory practice when handling this product. The following precautionary measures are recommended:

- ◆ Eye protection: Laboratory safety goggles
- ◆ Hands: Chemical resistant gloves
- ◆ Skin: Laboratory protective clothing
- ◆ Respiratory: Not required

SPECIAL PRECAUTIONS:

Store at 2-8°C in well-sealed container. Store away from strong oxidizing agents.
This product is intended for research use only.

The above information is believed to be correct but does not purport to be all inclusive and is only intended to be used as a guide. BioLegend shall not be held responsible for any damage resulting from the use of these products or the information contained in this Material Safety Data Sheet.

Document Prepared Date: January 2011