

MATERIAL SAFETY DATA SHEET (MSDS)

IDENTIFICATION:

Product Name Annexin V Binding Buffer
Catalog No. 422201

The product is provided as an aqueous buffer solution containing HEPES, CaCl₂, NaCl, pH 7.4.

HAZARDOUS INGREDIENTS:

The solution does not contain hazardous materials, or the concentrations are below the regulatory threshold 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 or dangerous decomposition products.

FIRE AND EXPLOSION HAZARD DATA:

There is no unusual fire and 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: Harmful if swallowed
- ◆ Skin contact: No irritating effect known.
- ◆ Eye contact: No irritating effect known.
- ◆ 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:



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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 precautionary measures are as follows:

Eye protection: Laboratory safety goggles

Hands: Chemical resistant gloves

Skin: Laboratory protective clothing

Respiratory: Not required

SPECIAL PRECAUTIONS:

No special measures required: Store at 4°C in well-sealed container, 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.

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