

# MATERIAL SAFETY DATA SHEET (MSDS)

## IDENTIFICATION:

Product Name: Assay Diluent (5x)  
Catalog No.: 421203

This product is provided as an aqueous buffer solution.

## HAZARDOUS INGREDIENTS:

Materials Proprietary Preservative A, 1% (w/v)

The solution is a mixture of the above listed materials with non-hazardous additions. The concentrations of all chemical constituents are below the regulatory threshold limit described by OSHA standard 29 CFR 1910.1200.

## PHYSICAL DATA:

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

## REACTIVITY DATA:

There is no known dangerous reaction or decomposition product. Avoid strong oxidizing agents.

## FIRE AND EXPLOSION HAZARD DATA:

There are no unusual fire or explosion hazards associated with these products.

- ◆ Flash point: Not applicable
- ◆ Flammable Limits in Air: Not applicable
- ◆ Extinguishing media: Water, carbon dioxide, extinguishing powder, alcohol resistant foam
- ◆ Fire fighting procedures: Use respirator and wear protective suit

## HEALTH HAZARD DATA:

- ◆ Inhalation: May cause irritation
- ◆ Ingestion: Harmful if swallowed
- ◆ Skin contact: May cause irritation
- ◆ Eye contact: May cause irritation
- ◆ Acute effects by overexposure: May cause local discomfort if in contact with skin, eyes, or inhaled and ingested
- ◆ Emergency first aid procedures:
  - Skin: Rinse thoroughly with water and soap.
  - Eyes: Flush immediately with water for at least 15 minutes. Seek medical attention if irritation persists.
  - Inhaled: Remove to fresh air
  - Ingested: Wash mouth with plenty of water. See a physician if stomach discomfort persists

## SPILL, LEAK AND DISPOSAL PROCEDURES

If spilled or leaked, flush the area with water and drain to the sewer if allowed. Otherwise, collect on absorbent and dispose in approved landfill. In any case, waste disposal should be in accordance with ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

## PROTECTION INFORMATION

Follow good laboratory practice when handling these products. Eye protection and skin protection are required. Handle the material in areas with adequate ventilation.

## SPECIAL PRECAUTIONS

Store the product at 4°C in well-sealed container  
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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