

# SAFETY DATA SHEET

## Section 1: Identification

**Product Identifier:** All Antibodies with #KPAB symbols

**Relevant Identified Uses of Substance or Mixture and Uses Advised Against:**

Recommended Use: For Research Use Only

Uses Advised against: No information

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## Section 2: Hazard(s) Identification

**2.1. Hazard Classification:**

Sodium Azide ( $\text{NaN}_3$ ) is considered a dangerous substance or hazardous chemical as defined in European Community Directives 67/548/EEC or 1999/45/EC, and Hazard Communication Standard 29 CFR 1910.1200.  $\text{NaN}_3$  is present at levels below 0.1%.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.  $\text{NaN}_3$  is present at levels below 0.1%.

## Section 3: Composition/ Information on Ingredients

Antibody in 1X PBS buffer containing 0.09%  $\text{NaN}_3$ .

## Section 4: First-Aid Measures

**4.1. Eye and Skin contact**

Flush with large amounts of water for at least 15 minutes. Wash contaminated clothes before reuse. Consult a physician if irritation persists.

**4.5. Ingestion**

Flush mouth with water. Get medical attention Inhalation: Remove from exposure to fresh air immediately.

## Section 5: Fire-Fighting Measures

### 5.1. Suitable extinguishing agents

Foam, CO , Water

### 5.2. Special protective equipment for firefighters

N/A

## Section 6: Accidental Release Measures

### 6.1. Personal precautions

Avoid contact with skin and clothing.

### 6.2. Measures for cleaning/collecting

Contain spill and then clean up with copious amount of water.

## Section 7: Handling and Storage

### 7.1. Storage conditions

Store product at 2-8 C.

## Section 8: Exposure Controls/Personal Protection

### 8.1. General protective and hygienic measures

Do not pipette by mouth. Do not eat, drink or smoke in areas where kit reagents or samples are handled. Avoid contact of skin or mucous membranes with kit reagents or specimens. Rubber or disposable latex gloves and protective clothing should be worn while handling reagents or specimens. Avoid splashing or generation of aerosols.

## Section 9: Physical and Chemical Properties

### 9.1. Information about the physical and chemical properties of the product

- **Physical state and appearance:** Lyophilized (solid)
- **Odor:** Odorless
- **Color:** Colorless. The color may change with change in pH.
- **Dispersion properties:** Not available.
- **Solubility:** Soluble in aqueous solutions.

## Section 10: Stability and Reactivity

### 10.1. Information about the stability and reactivity

Stable.

## Section 11: Toxicological Information

### 11.1. Acute toxicity

May cause skin and eye irritation. May be harmful if absorbed through the skin. May cause irritations to mucous membranes and upper respiratory tract. May be harmful if swallowed.

## 11.2. Chronic effects

Have not been thoroughly investigated.

## Section 12: Ecological Information

### 12.1. Ecotoxicity

N/A

## Section 13: Disposal Considerations

Dispose all excess reagents and samples in biohazardous waste. Alternatively excess reagents and samples, as well as empty reagent containers can be autoclaved for at least one hour prior to discarding. Observe all federal, state and local environmental regulations.

## Section 14: Transport Information

Product should be transported at room temperature.

## Section 15: Regulatory Information

Sodium Azide ( $\text{NaN}_3$ ) is present at levels below 0.1%.

- **European Union:** This product does not contain Substances of Very High Concern (SVHC) in concentrations above 0.1% weight/weight.
  - Harmful and dangerous to the environment.
  - Very toxic if swallowed.
  - Contact with acids liberates very toxic gas.
  - Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- **Japan:**
  - Poisonous substance.

## Section 16: Other Information

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This company shall not be held liable for any damage resulting from handling or from contact with the above product. This material must only be handled by suitably qualified experienced scientists in appropriately equipped and authorized facilities. The above information is believed to be correct but does not purport to be all inclusive and should be used as a guide only for experienced personnel. Always consult your safety advisor and follow appropriate local and national safety legislation. The absence of warning must not, under any circumstance be taken to mean that no hazard exists.

**Last reviewed:** 07/2025

**Disclaimer**

***The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.***

***\*End Of MSDS\****