

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product Code:	BTA100010
Product Name:	MIP5 Antibody
CAS number:	None
Commodity Code (Harmonized Code):	3822.90.00
REACH No.:	A registration number is not available for this kit as its substances or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended uses:	For research use only.
Uses advised against:	Not for diagnostic or therapeutic use.

1.3 Details of the supplier of the safety data sheet

Company:	BIOTECH ASSAY Inc. 1283 Fulghum Rd Hutchins, Texas United States
Telephone:	+1 (972)-(225)-(09190)
Fax:	+1 (122)-(375)-(05951)
E-mail address:	info@biotech-assay.com

1.4 Emergency telephone number

Territory	Service	Telephone number
Great Britain (GB)	National Health Service (NHS)	111
Northern Ireland (NI)	General Practitioner services	Check with local providers
United States of America (USA)	Emergency Services	911
European Union (EU)	Emergency Services	112
Rest of World (RoW)	Refer to local services	N/A

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC. According to the OSHA Hazard Communication Standard 29CFR 1910:1200, these products are not considered hazardous.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws as it is not dangerous. Precautionary statements (EU) No. 28 1272/2008, wear protective gloves/protective clothing.

2.3 Other hazards

Physical/chemical hazards:	Not applicable.
Human health hazards:	No specific hazard.

Safety Datasheet

Revision date: 08 Oct 2024



BIOTECH ASSAY Inc.

Substances with endocrine disrupting properties: None.

BIOTECH ASSAY

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight %	Classification (Reg. 1272/2008)
Sodium azide	247-852-1	26628-22-8	0.1%	Acute Tox. 2 (H300) Acute Tox. 1 (H310) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH032)

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice:

Show this safety data sheet to the physician in attendance.

Ingestion:

Never give anything by mouth to an unconscious person. Rinse mouth with water. Loosen tight clothing such as ties, belts or waistbands. Do NOT induce vomiting unless directed to do so by medical personnel. Seek medical attention immediately.

Inhalation:

Move person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

Skin contact:

Wash off with soap and plenty of water. Remove contaminated clothing and shoes. Wash any contaminated clothing or shoes before reuse. Seek medical attention immediately.

Eye contact:

Rinse thoroughly with plenty of water for at least 15 minutes and seek medical attention immediately.

Aggravating conditions:

Repeated or prolonged exposure is not known to aggravate medical conditions.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Absorb liquid with an absorbent material. Transfer contaminated absorbent to a chemical waste container for disposal.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Wash hands after handling. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store according to product and label instructions.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State:	Liquid (Capture Antibody and Detection Antibody) at room temperature.
Colour:	No data available.
Odour:	No data available.
Melting point/freezing point:	Essentially that of water.
Initial boiling point and boiling range:	Essentially that of water.
Flammability:	No data available.
Lower and upper explosion limit:	No data available.
Flash point:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
pH:	No data available.
Kinematic viscosity:	No data available.
Solubility:	Soluble.
Partition coefficient (n-octanol/water):	No data available.
Vapour pressure:	No data available.
Relative density:	No data available.
Relative vapour density:	No data available.
Particle characteristics:	No data available.

9.2.1 Information with regard to physical hazard classes

None applicable.

9.2.2 Other safety information

None applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity

No known reactions when used as described.

10.2 Chemical stability

Product is stable under normal operating conditions and when used as described in the product technical data sheet.

10.3 Possibility of hazardous reactions

No known hazardous reactions when used as described in the product technical data sheet.

SECTION 12: Ecological information

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Dispose of in accordance with all applicable local and national regulations. Must adhere to state and federal regulations. Smaller quantities can be disposed of with solid waste. Disposal must be made according to the regulations found in 40 CFR 261. This product is not considered a RCRA hazardous waste.

Contaminated packaging: Dispose of as unused product.

SECTION 14: Transport information

14.1-5 UN number, groups, classes

DOT: Not Regulated.

ADR/RID: This substance is considered non-hazardous for land transport.

IMDG: This substance is considered non-hazardous for sea transport.

IATA: This substance is considered non-hazardous for air transport.

IATA-DGR: This substance is considered non-hazardous for air transport.

14.6 Special precautions for user

No data available.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Further information

To the best of our knowledge, the information contained herein is accurate. However, neither BioTech Assay Inc. nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

This product is intended for research use only.