

MATERIAL SAFETY DATA SHEET - Antibodies

SECTION 1 - ANTIBODY PRODUCT(S) AND SUPPLIER IDENTIFICATION

SUPPLIER: UBPBio, LLC
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Recommended use and restrictions on use

Research use only. Not for clinical or human use.

Quick Product Identifier: All Antibodies

This MSDS applies to all of polyclonal or monoclonal antibodies available on our website, www.ubpbio.com, in which the product catalog numbers start with letter Y or Z.

SECTION 2: HAZARD IDENTIFICATION

Classification

This substance/mixtures is not considered hazardous.

Signal Word

None

Hazard Statement

None

Precautionary Statement

May cause irritation to skin, eyes, and respiratory tract.

SECTION 3: COMPOSITION/HAZARDOUS COMPONENTS

HAZARD	CAS NO.	Weight %
Glycerol	56-81-5	10 - 50%
Sodium azide	26628-22-8	0.02

SECTION 4: FIRST AID MEASURES

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

First-aid measures after skin contact:

Wash skin with plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur.



First-aid measures after eye contact:	Hold eyelids apart and flush eyes with plenty of water. Have eyes examined and tested by medical professional.
First-aid measures after ingestion:	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Use media suitable to extinguish the supporting or surrounding fire. Wear NIOSH (or equivalent) approved self contained breathing apparatus. For small fires only: use carbon dioxide, dry powder or foam. May be combustible at high temperature. Emits toxic fumes under fire conditions.

Explosion Limits for Glycerol = Lower - 1.1; Upper - Not available.

Flash Point for Glycerol = 193°C; Autoignition Temperature for Glycerol = 400°C.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. Eliminate all sources of ignition. Collect in a manner that does not create dust and place in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

SECTION 7: HANDLING AND STORAGE

Provide appropriate exhaust ventilation. Keep tightly closed in a dry and well ventilated place. Store at -20-80°C.

SECTION 8: PERSONAL PROTECTION

Engineering Controls: Safety shower and eye wash. Mechanical exhaust.

Eye Protection: Safety goggles.

Hand Protection: Compatible resistant gloves.

Respiratory Protection: None required.

Hygiene Measure: General practice, wash (hands and skin) thoroughly after handling. Remove and wash contaminated clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Clear
pH value	7.0 -7.5
Flash point	No information available
Decomposition temp	No information available
Melting point	No information available
Boiling point	No information available

Autoignition temp	No information available
Odor	No information available
Flammability limit	No information available

SECTION 10: STABILITY AND REACTIVITY

Product is stable under normal conditions. Avoid strong oxidizing agents including mixtures with hydrogen peroxide, potassium permanganate, calcium hypochlorite, nitric acid, sulfuric acid, perchloric acid and lead oxide. Contact with Sodium Hypochlorite and Hypochlorous acid may cause an explosion.

SECTION 11: TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE TO GLYCEROL:

EYES: Contact may cause irritation and slight corneal injury.

SKIN: Prolonged contact may cause irritation and/or allergic reaction.

INHALATION: No known toxicity, but excessive fumes may cause irritation if inhaled.

INGESTION: May cause irritation of gastrointestinal tract and diarrhea.

SECTION 12: ECOLOGICAL INFORMATION

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of material in accordance with applicable local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

This product is not dangerous and no special precautions are needed according to DOT, ADR/RID (cross

SECTION 15: REGULATORY INFORMATION

OSHA Hazards: None known.

US Classification and Label Test

US Statements: Caution. Avoid contact and inhalation. Target Organ (s): Kidneys.

United States Regulatory Information:

Sara Listed: No

TSCA Inventory Item: Yes

Canada Regulatory Information

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR

DSL: Yes

NDSL: No

EU Additional Classification

S: 23 24/25

Safety Statements: Do not breath vapor. Avoid contact with skin and eyes.

Section 16. Other information



Revision Date	21-Aug-21
Revision note	None

DISCLAIMER:

This above information is believed to be correct and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty with respect to such information, and we assume no liability resulting from its use. Users should make independent decisions regarding the suitability of the information for their particular purposes.