

SAFETY DATA SHEET

Section 1: Identification

Product Identifier: Antibodies with #PACO or MACO 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. Classification of the substance or mixture

- Sodium Azide: Less than or equal to 0.1% (w/v). Toxicity Data, LD50=27 mg/kg (oral-rat).

Section 3: Composition/ Information on Ingredients

Chemical Name	Concentration	CAS#
Amino acid	95%	65072-01-7
Glycerol	5%	56-81-5

Section 4: First-Aid Measures

4.1. General Advice

If symptoms persist, call a physician.

4.1. Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. If symptoms persist, call a physician.

4.2. Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

4.3. Inhalation

Move to fresh air.

4.5. Ingestion

Clean mouth with water. Drink plenty of water.

4.6. Notes to physician

Treat symptomatically

Section 5: Fire-Fighting Measures**5.1. Suitable extinguishing agents**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Suggested media: Water Spray, Carbon Dioxide, Dry Chemical Powder or appropriate foam.

5.2. Extinguishing media which shall be not be used for safety reasons

No information available.

5.2. Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6: Accidental Release Measures**6.1. Personal precautions**

Use personal protective equipment. Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2. Measures for environmental protection

Try to prevent the material from entering drains or water courses.

6.4. Methods for containment

Prevent further leakage or spillage if safe to do so.

6.3. Measures for cleaning/collecting Soak up with inert absorbent material. Pick up and transfer to properly labeled containers .After cleaning, flush away traces with water and detergent.

Section 7: Handling and Storage**7.1. Advice Handling**

This product is considered Non-Hazardous under 29 CFR 1910.1200.

7.2. Storage conditions

Store at -20°C, keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

7.3. Specific end Use

No information available.

Section 8: Exposure Controls/Personal Protection

8.1. Personal Protection

- **Eye/face protection:** Tightly fitting safety goggles. Face-shield.
- **Skin and body protection:** No special protective equipment required.
- **Respiratory protection:** Any experiments should be carried out in the fume hood or in areas with adequate ventilations. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Section 9: Physical and Chemical Properties

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

- **Form:** Liquid
- **Odor:** Odourless
- **Odor threshold:** N/A
- **pH:** N/A
- **Melting point/melting range:** N/A
- **Boiling point/boiling range:** N/A
- **Flash point:** N/A
- **Evaporation rate:** N/A
- **Flammability:** N/A
- **Upper/lower flammability or explosive limits:** N/A
- **Auto ignition temperature:** N/A
- **Danger of explosion:** N/A
- **Vapor pressure:** N/A
- **Vapor density:** N/A
- **Relative density:** N/A
- **Solubility in/Miscibility with water:** N/A

Section 10: Stability and Reactivity

10.1. Information about the stability and reactivity

- **Reactivity:** No information available
- **Chemical stability:** Stable under recommended storage conditions.
- **Conditions to avoid:** None known based on information supplied.
- **Incompatible materials:** None known based on information supplied.
- **Hazardous decomposition products:** None known based on information supplied.

Section 11: Toxicological Information

11.1. Acute toxicity: If symptoms persist, call a physician.

Potential routes of exposure/potential health effects

- **Skin:** May be harmful if inhaled and absorbed through skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. If symptoms persist, call a physician.
- **Eye:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes
- **Inhalation:** Move to fresh air.
- **Ingestion:** Clean mouth with water. Drink plenty of water.
- **Carcinogenic effects:** No information available.
- **Mutagenic effects:** No information available.
- **Reproductive toxicity:** No information available.
- **Sensitization:** No information available.
- **Target organs:** No information available.

Section 12: Ecological Information

12.1. Ecotoxicity

The environmental impact of this product has not been fully investigated.

Section 13: Disposal Considerations

13.1. Waste disposal methods

Contact a licensed professional waste disposal service to dispose of this material. This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult the appropriate state, regional, or local regulations for additional requirements.

Section 14: Transport Information

- **IATA:** Not dangerous goods
- **DGR:** Not dangerous goods

Section 15: Regulatory Information

Not a hazardous substance or mixture according to Regulation 29 CFR 1910.1200

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****