

SAFETY DATASHEET

Version 5

Revision Date: 08-19-2016

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product name: Antibodies

Product Catalog Number: 1XXXX-X-AP; 2XXXX-X-AP; 5XXXX-X-AP; 6XXXX-X-Ig

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

Product use: For lab research use only.

Uses advised against: No information available.

1.3 Details of the supplier of the safety datasheet:

Manufacturer Supplier:

Proteintech Group
5400 Pearl Street, Suite 300,
Rosemont, IL 60018, USA
Tel: 1-888-478-4522
Fax: 1-312-4558408

1.4 Emergency Telephone Number:

1-888-478-4522

2. Composition/Information on Ingredients

Glycerol	50%	Cas#56-81-5
Water	40-50%	Cas#7732-12-5
Animal proteins	10-50%	-
Sodium Chloride	<1%	Cas#7647-14-5
Sodium Phosphate, Dibasic	<1%	Cas#7558-79-4
Sodium Azide	<0.1%	Cas#26628-2-8

The only hazardous substance, sodium azide, is present in these products in very small amounts as an antimicrobial preservative.

3. Hazardous Identification

Emergency Overview of Hazardous ingredient:

Sodium Azide (Cas#26628-2-8)

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

This product is considered non-hazardous under 29 CFR 1910.1200 (Hazard Communication).

Physical state of sodium azide-containing antibody:
Odorless, light gold color, clear liquid.

4. First Aid Measures

Description of first aid measures:

Skin Contact: Wash off skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse.

Eye Contact: Ensure adequate flushing of eye contamination for at least 15 minutes.

Inhalation: Remove from exposure, rest, and keep warm.

Ingestion: Wash mouth out thoroughly with water and drink plenty of water.

5. Fire Fighting Measures

5.1 Suitable extinguishing media:

Water spray, carbon dioxide, dry chemical powder, or appropriate foam.

5.2 Special hazards arising from the substance or mixture:

None in particular.

5.3 Advice for firefighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact.

6. Accidental Release Measures

Wear appropriate protective clothing. Mop up with an absorbent cloth and arrange removal by a disposal company. Wash site of spillage thoroughly with water and detergent.

7. Handling and Storage

Use only in areas equipped with exhaust ventilation. Avoid contact with eyes. Wear a lab coat. Keep container tightly closed, and in a cool and well-ventilated area. Store at -20°C.

8. Exposure Controls/Personal Protection

Follow good laboratory practice when handling this product. The following precautionary measures are recommended:

Eye protection: Laboratory safety goggles.

Hands: Chemical-resistant gloves.

Skin: Laboratory protective clothing.

Respiratory: Fume hood or in areas with adequate ventilation.

9. Physical and Chemical Properties

General Information: Form - Liquid.

10. Stability and Reactivity

Stability: Stable

Conditions to avoid: None known.

Incompatibility: None known.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

May be harmful if inhaled and/or absorbed through skin.

May be harmful if swallowed.

May be irritating to mucous membranes and upper respiratory tract.

May cause eye/skin irritation.

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Reproduction toxicity: Not available.

Teratogenic effects: Not available.

12. Ecological Information

Data not yet available.

13. Disposal Considerations

In accordance with local and national regulations.

14. Transport Information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory Information

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture: No data available.

15.2 Chemical Safety Assessment: No data available.

16. Other Information

Store the antibodies at -20°C.

The above information is believed to be correct but is only to be used as a guide for experienced personnel. Proteintech Group, Inc. shall not be liable for any damage resulting from the handling of or contact with the above product.