

Material Safety Data Sheet

Implementing Directives 1999/45/CE, 2001/58/CE, 2001/59/CE

1. Identification of the preparation and of the supplying company:

Product Code: 3BM245
Identification of the Preparation: Mouse IgG (Immunoglobulin G), Purified
Product/Trade Name (as Labeled on box): Mouse IgG (Immunoglobulin G), Purified
Kit Contents: N/A
Manufacturer: Scantibodies Laboratory, Inc.
Manufacturer's Address: 9336 Abraham Way, Santee, CA 92071, USA
Manufacturer's Phone Number: (619) 258-9300
Date MSDS Prepared: 05 July 2007

2. Composition/Information on Ingredients:

Chemical Characterization: Purified Mouse IgG in 0.1M Sodium Phosphate Buffer containing 0.1% Sodium Azide
Hazardous Ingredients: Sodium Azide @ 0.1%
CAS Number: 026628-22-8
Symbol: N/A
R-phrases: N/A
S-phrases: N/A

3. Hazards and Potential Health Effects:

Sodium Azide:

Harmful if swallowed; Harmful to aquatic organisms/ may cause long-term adverse effects in the aquatic environment.

4. First Aid Procedures:

Sodium Azide:

Ingestion: For small amounts, rinse mouth with water provided person is conscious. Consult with a physician.

Skin: Wash affected area with anti-microbial soap and water, rinse with water. Remove and wash contaminated clothing.

Eyes: Flush with copious amounts of water or eyewash saline for at least 15 minutes. Consult with a physician if irritation occurs.

Inhalation: Remove to fresh air; if not breathing, give artificial respiration.

5. Fire Fighting Measures:

Sodium Azide:

No special procedures/media are required.

Material Safety Data Sheet

Implementing Directives 1999/45/CE, 2001/58/CE, 2001/59/CE

6. Accidental Release Measures:

Wear appropriate protective clothing. Cover with absorbent; wash area thoroughly.

7. Handling and Storage:

Handling: Use good laboratory practices. Handle material as potentially infectious. Wash hands after working with substance.

Storage: Keep in a tightly closed container. Store at 2-8 °C.

8. Exposure Controls/Personal Protection:

Wear latex or vinyl gloves, a laboratory coat, and safety glasses during use.

9. Physical and Chemical Properties:

Clear & Colorless liquid free from particulate matter and precipitation with no detectable odor.

10. Stability and Reactivity:

Stable at 2-8 °C until expiry.

The expiration date of the Product is three (3) years from the date of manufacture.

No reactivity data available.

11. Toxicological Information:

Sodium Azide:

Short-term effects: In pure form, sodium azide is highly toxic and may be fatal if inhaled, swallowed, or absorbed through the skin. May cause eye and skin irritation. At product concentrations, sodium azide is not believed to cause hazardous short-term effects.

Long-term effects: In pure form, sodium azide is classified as a questionable carcinogen with experimental tumourigenic data. At product concentrations, there are no hazardous long-term effects documented.

Precautionary note: To the best of our knowledge, the chemical, physical, and toxicological properties of this product have not been thoroughly investigated at product concentrations.

12. Ecological Information:

At product concentrations – Harmful to aquatic organisms/ may cause long-term adverse effects in the aquatic environment. No harmful effects at use concentration.

Material Safety Data Sheet

Implementing Directives 1999/45/CE, 2001/58/CE, 2001/59/CE

13. Disposal:

Sodium Azide:

Observe all federal, state, and local environmental regulations. If the disposal of this solution is acceptable, flush with large volumes of water to prevent build-up of azides in plumbing.

14. Transport Information:

CDG UK: Non-hazardous for road freight

IMDG: Non-hazardous for sea freight

IATA: Non-hazardous for air freight

15. Regulatory Information:

Small pack derogation applies to all other risks and safety phrases.

16. Other Information:

None

17. Document Revisions:

<u>Version</u>	<u>Date:</u>	<u>Changes:</u>
01	05 Jul 2007	Initial Release.

18. Document Approval:

Reviewed/Approved By: Tuan Tran Date: 09 Jul 07