

MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification
 - Product Name: TGF b 2 Recombinant Protein
 - Company Identification: BioPioneer Pvt. Ltd.
 - Tel No.: +91-799 108 4428
2. Composition / Information on Ingredients ☐ Chemical Description: Antibody.
 - Chemical Name: Antibody
3. Hazards Identification
 - Human Health Hazards: No data Available (Sodium Azide is not present in an amount that qualifies the product as hazardous according to Directive 67/548/EC.)
 - Eye contact: Avoid
 - Skin Contact: Avoid
 - Ingestion: Avoid
 - Inhalation: No effect
4. First Aid Measures
 - Eye Contact: Irrigate thoroughly with water for at least 5 minutes.
 - Skin Contact: Wash skin thoroughly with water. Remove contaminated clothing and wash before re-use.
 - Inhalation: No effect
 - In case of emergency call a Physician
5. Fire Fighting Measures
 - Flashpoint: No data available
 - Extinguishing Media: Carbon dioxide spray, Water spray or appropriate foam.
6. Accidental release Measures
 - Personal Precautions: No special precaution required ☐ Environment Precautions: No specific precaution required.
7. Handling & Storage
 - Handling: Wash hands thoroughly after working with this material.
 - Storage Conditions: Store at -20°C. Keep container closed and protected from direct sunlight and moisture.
 - Sensitivity to Static Discharge: Not applicable
8. Exposure Controls / Personal Protection
 - Occupational Exposure Limits: None
 - Engineering's Measures: None
 - Respiratory Protection: Not needed
 - Hand Protections: Gloves (Rubber or plastic.)
 - Skin Protection: Plastic apron, sleeves, boots - if handling large quantities
 - Eye Protection: Not required

- Hygiene Recommendations: Contaminated clothing should be removed and washed before re-use.
9. Physical and Chemical Properties
- Physical State: Liquid
 - Appearance: Colourless
 - Flashpoint: No data available
 - Specific Gravity: No data available
 - Ph (100%): Neutral (7.5-8.0)
10. Stability and Reactivity
- Stability: Stable unless heated
 - Hazardous Polymerization: No data available
 - Conditions to Avoid: Exposure to heat
 - Materials to Avoid: None
 - Hazardous Decomposition products: No data available
11. Toxological Information
- Acute Oral Toxicity (Albino Rats)- No data available
 - Primary Skin Irritation Test: No data available
 - Skin Irritation Index Draize Rating: No data available
 - Primary Eye Irritation Tests: No data available
 - Human Hazard Characterization: No data available
12. Ecological Information
- Biological Oxygen Demand (5-day BOD): No data available
 - Chemical Oxygen Demand (COD): No data available
 - Total Organic Carbon (TOC): No data available
 - Aquatic Data: None
 - Toxicity Rating: No data available
13. Disposal Considerations
- Disposal: Wash site of spillage thoroughly with water. Follow all federal, state and local environmental regulations.
14. Transportation Information:
- Proper Shipping Name:
 - Hazard Class: It does not come under any hazardous class as it's a non-Hazardous item ☐ IATA Cargo Aircraft Limit: Non-Hazardous for air transport.
 - Technical Names: Antibodies.
15. Regulatory information:
- ☐ The MSDS contains all the information required.
16. Other information:
- ☐ Disclaimer: Reagent for in vitro laboratory use only.
 - ☐ Warranty: The above-mentioned information in this document is based on our present state of knowledge and is applicable with regard to appropriate safety precaution. For any damage



An ISO 9001:2015 & GMP Certified Company

resulting from handling or from contact with the above product, BioPioneer Pvt. Ltd. shall not be held liable.