

I. Identification:

Product name: Recombinant Protein
Product Catalogue Number: Includes recombinant protein within the following range of catalogue numbers: BB-PE0020, BB-PE0021, BB-PE0022, BB-PE0030, BB-PE0130, BB-PE0145, BB-PE0150, BB-PE0151, BB-PE0155, BB-PE0160, BB-PE0165, BB-PE0170, BB-PE0175, BB-PE0200, BB-PE0205, BB-PE0210, BB-PE0215, BB-PE0220, BB-PE0225, BB-PE0235, BB-PE0240, BB-PE0245
CAS number: None
Manufacturer/Supplier: NextGen Bioproducts; 6076 Corte Del Cedro, Carlsbad, CA 92011.
Phone: 1(858) 224-2093
Emergency phone: 1(858) 224-2093. M-F, 9AM-5PM.

II. Composition/Information on Ingredients:

This product is composed of antibodies in aqueous buffer solution. According to 29 CFR 1910.1200(d) hazardous ingredients at less than <1% and carcinogens at less than <0.1% are considered non-hazardous. Any hazardous or carcinogenic ingredients exceeding these criteria are listed below.

The product may contain the following hazardous ingredients.

Ingredient	CAS#	Percent
Glycerol	56-81-5	50%

III. Hazard Identification:

Emergency Overview of Hazardous Ingredients:
Material: Glycerol (CAS # 56-81-5)
Caution: Avoid contact and inhalation.
Target Organ: Kidney

IV. First Aid Measures:

Eye contact: Immediately flush the eye with water. If irritation persists, call for medical help.
Skin contact: Wash off with water.
If swallowed: Get medical attention if the amount swallowed is large.
If inhaled: remove from further exposure, if breathing is difficult get medical attention.

V. Fire Fighting Measures:

Flash Point: Data not available.
Autoignition Temperature: Data not available
Fire Extinguisher: Water spray, foam or carbon dioxide
Firefighting: Wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.

VI. Accidental Release Measures:

Absorb liquid with an absorbent. Transfer contaminated absorbent to a chemical waste container for disposal.

VII. Handling and Storage:

Avoid direct inhalation and contact with eyes and skin. Store at -20°C for longer shelf life.

VIII. Exposure Controls / Personal:

Engineering Controls: Maintain adequate ventilation, eye wash, quick drench facilities in working area
Personal Protective Equipment: lab coat, chemical resistant gloves, goggles
Occupational Exposure Limits: Data not available

IX. Physical Properties:

Physical State: Colourless liquid
Odour: Odourless
Boiling Point: Data not available
Melting Point: Data not available
Volatile Organic Compound: Data not available
Solubility in water: Readily miscible in water

X. Stability and Reactivity:

Stability: Stable
Hazardous Decomposition: May form carbon dioxide and carbon monoxide.

XI. Toxicological Information:

May cause skin irritation
 May cause eye irritation
 May be toxic if absorbed through skin or ingested
Target Organs: Kidney

XII. Ecological Information:

Data not available.

XIII. Disposal Consideration:

Small amounts of glycerol may be flushed down the sink unless local rules prohibit this. Glycerol is viscous, so unless care is taken to wash all liquid away, some may remain in the sink and pose a fire risk

XIV. Transport Information:

IATA: The substance is considered non-hazardous for air transport.
D.O.T.: Data not available

XV. Regulatory Information:

Not available for this product.

XVI. Other Information:

The product is sold only in microliter quantities solely for use in life science research. No other use is intended, and any other use may involve substantive hazards. The above information is believed to be correct but does not intend to be all inclusive and shall be used only as a guideline for experienced personnel. BioBharati LifeScience Pvt. Ltd, shall not be liable for any damage resulting from the handling of or form contact with the above product. The safe use of this material entirely dependent upon the user.