

SDS

**I. Identification:**

**Product name:** DNA Ladder  
**Product Catalogue Number:** DNA Ladder within the following range of catalogue numbers: BB-D30, BB-D31, BB-D40, BB-D41, BB-D50, BB-D51, BB-D60, BB-D61.  
**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 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.

Ingredient	CAS#	Percent
Glycerol	56-81-5	40%

**III. Hazard Identification:**

**Emergency Overview of Hazardous Ingredients:**

**Material:** Glycerol (CAS # 56-81-5)  
**Caution:** Avoid contact and inhalation.  
**Target Organ:** Kidney, skin, eye

**IV. First Aid Measures:**

**Eye contact:** Immediately flush the eye with water. If irritation persists, call for medical help.  
**Skin contact:** Wash skin with soap and water.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** Clean mouth with water and drink afterwards plenty of water.  
**Most important symptoms and effects; both acute and delayed:** No information available  
**Indication of any immediate medical attention and special treatment needed**  
**Note to physicians**  
 Treat symptomatically.

**V. Fire Fighting Measures:**

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

**VI. Accidental Release Measures:**

**Personal precautions, protective equipment and emergency procedures**  
 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

**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.:** The substance is considered non-hazardous for air transport.

**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 experiences 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.