

Name of the Product : **Taq Polymerase (Supplied with 10X Buffers and MgCl₂)**
Code No. : **MBT060**
Section 1 : **Chemical Identification & Company Information**
Code No. : MBT060
Name of the Product : Taq Polymerase (supplied with 10X Buffers and MgCl₂)
Produced by : HiMedia Laboratories Pvt. Ltd.
Address : 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India.
Tel. No. : 2500 0970, 2500 1607 Fax No. 022 2500 2468

Section 2 : **Product Composition (Classification)**
Enzyme / Protein in buffer solution.

Section 3 : **Hazards Identification**
Primary routes of entry: Inhalation, Skin-may cause irritation, Eye-may cause irritation.



Section 4 : **First - Aid Measures**
In case of swallowing, wash out mouth with water provided person is conscious. In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. In case of inhalation, remove victim to fresh air. If breathing becomes difficult, call physician. In case of contact with eyes, wash with copious amounts of water for at least 15 minutes. Assure adequate washing by separating the eyelids with fingers. In serious conditions, call a physician, show the container or label.

Section 5 : **Fire Fighting Measures**
Extinguishing Media. Water spray, Carbon dioxide, dry chemical powder or appropriate foam. Special fire-fighting procedures. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 : **Accidental Release Measures**
Wear self contained breathing apparatus, safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 : **Handling and Storage**
Handling - Refer to Section 8
Storage - Store at - 20°C

Section 8 : **Exposure Controls / Personal Protection**
Avoid inhalation; Wear protective lab coat and chemical resistant gloves, safety goggles. Keep away from food stuffs and beverages. Avoid contact with eyes and skin. Do not eat drink or smoke while working

Section 9 : **Physical and Chemical Properties**

Appearance & Odor : Colorless and Odorless Liquid

Section 10 : **Stability and Reactivity**

Stability : Product is stable if stored as per the conditions specified under storage of Section No. 7. Product loses its potency/performance above 45°C.

Conditions to avoid : Carbon dioxide, carbon monoxide, strong oxidizing agents, strong bases, or fire

Section 11 : **Toxicological Information**

Acute Effects : May be harmful if swallowed.

May cause skin and eye irritation. The preparation may cause allergic reactions in certain sensitive individuals.

Section 12 : **Ecological Information**

Data not available

Section 13 : **Disposal Considerations**

Dispose off waste in accordance with all applicable Federal, State and local laws.

Section 14 : **Transport Information**

UN No. : Not applicable.

Section 15 : **Regulatory Information**

Risk Phrases : 22/36/37/38 Harmful if swallowed, Irritating to skin, eyes and respiratory tract.

Safety Phrases : 26-36/37/39 If comes in contact with eye wash the eyes with plenty of water.

Wear suitable protective clothing, gloves, eyes and face protection.

Section 16 : **Other Information**

Disclaimer : For R & D use only. Not for drug, household or other uses.

Warranty : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.
