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Name of the Product : 1kb DNA Ladder Code No. : MBT051

Section 1 : Chemical Identification & Company Information

> Code No. : MBT051 Name of the Product :1kb DNA Ladder

Produced by : HiMedia Laboratories Pvt. Ltd.

: 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India. Address

: 2500 0970, 2500 1607 Fax No. 022 2500 2468 Tel. No.

Section 2 : Product Composition (Classification)

Proprietary mixture containing Bromophenol blue, EDTA and Glycerol

Section 3 : Hazards Identification

Hazard: Not classified as hazardous. No exposure limits established by OSHA or ACGIH.

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 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

The preparation cannot cause fire.

Suitable Extinguising agents: Water spray, Carbon dioxide, dry chemical powder or appropriate foam. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6 : Accidental Release Measures

> Wear respirator, chemical 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. Additional Information: No dangerous substance released.

Section 7 : Handling and Storage

> Handling - Refer to Section 8 - Store at - 20°C Storage

Section 8 : Exposure Controls / Personal Protection

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other

protective clothing. Mechanical exhaust required.

Section 9 : Physical and Chemical Properties

Appearance: Liquid; Color: Blue; Odour: Odorless



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Section 6 : Accidental Release Measures

> Wear respirator, chemical 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. Additional Information: No dangerous substance released.

Section 7 : Handling and Storage

> Handling - Refer to Section 8 - Store at - 20°C Storage

Section 8 : Exposure Controls / Personal Protection

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other

protective clothing. Mechanical exhaust required.

Section 9 : Physical and Chemical Properties

Appearance: Liquid; Color: Blue; Odour: Odorless



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Name of the Product : 1kb DNA Ladder Code No. : MBT051

Section 1 : Chemical Identification & Company Information

> Code No. : MBT051 Name of the Product :1kb DNA Ladder

Produced by : HiMedia Laboratories Pvt. Ltd.

: 23, Vadhani Indl. Estate, LBS Marg, Mumbai 400 086, India. Address

: 2500 0970, 2500 1607 Fax No. 022 2500 2468 Tel. No.

Section 2 : Product Composition (Classification)

Proprietary mixture containing Bromophenol blue, EDTA and Glycerol

Section 3 : Hazards Identification

Hazard: Not classified as hazardous. No exposure limits established by OSHA or ACGIH.

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 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.

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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: Strong oxidizing agents, strong bases, or fire

Section 11 : Toxicological Information

Routes of exposure

Inhalation of aerosols may cause allergic type reactions in sensitised individuals. Reapeated ingestion or excessive dosage may be irritating. Prolonged skin and eye contact may cause irritation. When used and handled according to specifications, the product does not have any harmful effects.

Section 12 : Ecological Information

The preparation is readily biodegradable. It is not dangereous to the environment w.r.t. mobilty, persistence and degradability, bioaccumulation, aquatic toxicity and other data relating to ecotoxicity. The preparation does not accumulate bioata or pass through the food chain.

Section 13 : Disposal Considerations

No special disposal methods required, except to be in accordance with current local environmental regulations.

Section 14 : Transport Information

U.N. No.: Not applicable

Section 15 : Regulatory Information

Risk Phrases : 36/37/38 Irritating to eyes/irritating to respiratory systems/ Irritating to skin. Safety Phrases : 20/21-24/25 when using do not eat, drink, or smoke - Avoid contact with eyes

Section 16 : Other Information

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