



## Section 1 Identification of the Substance

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**Product number:** D002

**Product name:** 1kb plus DNA Ladder

## Section 2 Hazardous Ingredients/Identity Information

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| Chemical Name       | CAS-No | EINECS-No | Weight % |
|---------------------|--------|-----------|----------|
| 1kb plus DNA Ladder | N/A    | -         | 0.1-1    |

## Section 3 Physical and Chemical Properties

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|                                 |                          |
|---------------------------------|--------------------------|
| <b>Form</b>                     | liquid                   |
| <b>Appearance</b>               | No information available |
| <b>Odor</b>                     | No information available |
| <b>Boiling point</b>            | No data available        |
| <b>Melting point</b>            | No data available        |
| <b>Flash point</b>              | No data available        |
| <b>Autoignition temperature</b> | No data available        |
| <b>Oxidizing properties</b>     | No information available |
| <b>Water solubility</b>         | No information available |

## Section 4 Potential Health Hazard Effects

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|                              |                                                    |
|------------------------------|----------------------------------------------------|
| <b>Eyes</b>                  | May cause eye irritation with susceptible persons. |
| <b>Skin</b>                  | May cause skin irritation in susceptible persons.  |
| <b>Inhalation</b>            | May be harmful by inhalation.                      |
| <b>Ingestion</b>             | May be harmful if swallowed.                       |
| <b>Carcinogenic effects</b>  | not applicable.                                    |
| <b>Reproductive toxicity</b> | not applicable.                                    |
| <b>Sensitization</b>         | not applicable.                                    |

## Section 5 Stability and Reactivity Data

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|                                |                                          |
|--------------------------------|------------------------------------------|
| <b>Stability</b>               | Stable under normal conditions.          |
| <b>Materials to avoid</b>      | No information available.                |
| <b>Hazardous decomposition</b> | No information available.                |
| <b>Polymerization</b>          | Hazardous polymerization does not occur. |

## Section 6 Toxicological and Ecological Information

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| Chemical Name       | LD50 (oral, rat/mouse) | LD50 (dermal, rat/rabbit) | LC50 (inhalation, rat/mouse) |
|---------------------|------------------------|---------------------------|------------------------------|
| 1kb plus DNA Ladder | No data available      | No data available         | No data available            |

|                            |                           |
|----------------------------|---------------------------|
| <b>Ecotoxicity effects</b> | No information available. |
| <b>Mobility</b>            | No information available. |
| <b>Biodegradation</b>      | Inherently biodegradable. |
| <b>Bioaccumulation</b>     | Does not bioaccumulate.   |



## Material Safety Data Sheet

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### Section 7 Handling and Storage

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|                 |                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------|
| <b>Handling</b> | Always wear recommended Personal Protective Equipment. No special handling advice required. |
| <b>Storage</b>  | Keep in a dry, cool and well-ventilated place.                                              |

### Section 8 First Aid Measures

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|                     |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin contact</b> | Rinse with plenty of water. If symptoms arise, call a physician.                                                                             |
| <b>Eye contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.              |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice. |
| <b>Inhalation</b>   | Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.                                     |

### Section 9 Disposal Considerations

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Dispose of in accordance with local regulations.

### Section 10 Other Information

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For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**End of Material Safety Data Sheet**