

1. Identification of the substance and of the company

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| Product Name | Primer Mixes |
| Catalog Number | B101-PRIMER |
| Supplier Information | Bento Bioworks Ltd 5 Hancock Road London, E3 3DA United Kingdom |
| Emergency telephone number (CHEMTREC) | Within the USA & Canada: 1-800-424-9300 Outside the USA & Canada: 1-703-741-5970 |

2. Hazards identification

Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008 (EU-GHS/CLP)

The product contains no substances which are considered to be hazardous to health at their given concentration.

3. Composition / information on ingredients

Hazardous ingredients according to Regulation (EC) No 1272/2008

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| Component | Deoxyribonucleic Acid |
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4. First aid measures

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| If inhaled | If breathed in, move person into fresh air. If not breathing, give artificial respiration. |
| If swallowed | Never give anything by mouth to an unconscious person. Rinse mouth with water. |
| In case of skin contact | Wash off with soap and plenty of water. |
| In case of eye contact | Flush eyes with water as a precaution. |
| Notes to physician | Treat symptomatically. |

5. Firefighting measures

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| Extinguishing media | Dry chemical, CO ₂ , water spray or alcohol resistant foam. |
| Special hazards | Not applicable. |
| Firefighting precautions | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |

6. Accidental release measures

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| Personal precautions | Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protection equipment. |
| Environmental precautions | Avoid discharge into drains and waterways whenever possible. |
| Methods for cleaning up | Soak up with inert absorbent material (sand, diatomite, acid binders, universal binders, sawdust). |

7. Handling and storage

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| Precautions for safe handling | No special precautions required. |
| Conditions for safe storage | Store at ambient temperature in a dry, well-ventilated place. |
| Specific end use(s) | For research and educational use only. |

8. Exposure controls/personal protection

Personal protective equipment

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|--------------------------|---|
| Respiratory Protection | Not required. |
| Hand Protection | Protective gloves for prolonged contact. |
| Eye Protection | Protective safety glasses. |
| Skin and Body Protection | Appropriate protective clothing. |
| Hygiene Measures | Handle in accordance with good safety practice. |

9. Physical and chemical properties

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| Appearance | Colourless liquid |
| Odour | Odourless |
| pH value | Undetermined |
| Boiling point | Undetermined |
| Melting point | Undetermined |
| Flash point | Not applicable |
| Autoignition | Not applicable |
| Explosion hazard | Not considered to be explosive |
| Vapour pressure | No information available |
| Relative density | No information available |
| Water solubility | No information available |
| Other data | No other data |

10. Stability and reactivity

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|---------------------|---|
| Chemical stability | Stable under normal conditions. |
| Hazardous reactions | Hazardous reaction has not been reported. |
| Conditions to avoid | No information available. |

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| Incompatible materials | No dangerous reaction known under conditions of normal use. |
| Hazardous decomposition | No known hazardous decomposition products. |

11. Toxicological information

Routes of Exposure

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|--------------------------|-------------------|
| Acute toxicity | No data available |
| Irritation and corrosion | No data available |
| Sensitisation | No data available |
| Chronic exposure | No data available |
| Exposure Symptoms | No data available |

Potential Health Effects

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|------------|-----------------------------|
| Inhalation | No specific symptoms known. |
| Skin | May cause skin dryness. |
| Eyes | No specific symptoms known. |
| Ingestion | No specific symptoms known. |

12. Ecological information

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|---------------------|---|
| Ecotoxicity | No information available. This product is slightly hazardous for water. Do not allow product to reach ground water, water course or sewage system. |
| Degradability | No information available. Inherently biodegradable |
| Accumulation | No information available. Does not bioaccumulate. |
| Mobility | No information available. |
| Further information | No information available. |

13. Disposal considerations

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| Waste treatment methods | Observe all federal, state, and local environmental regulations. |
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14. Transport information

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| ADR/RID/ICAO/IATA class | This substance is considered to be non-hazardous for transport. |
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15. Regulatory information

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|------------------------|---|
| EU guidelines | This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials. |
| US Federal Regulations | This product is not subject to regulations under US Toxic Substances Control Act (TSCA), and SARA 302/313/311/312. |

16. Other Information

This information is based on available knowledge and shall be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Bento Bioworks Ltd is not held liable for any damage resulting from handling or from contact with the above mentioned products.

References

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|-------------|---|
| ECHA | https://echa.europa.eu/ |
| TOXNET | https://www.nlm.nih.gov/toxnet/index.html |
| eChemPortal | https://www.echemportal.org/ |