

| 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY | |
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| Product name | Atlas HotTaq DNA Polymerase |
| Catalog number | BA00203 BA00204 BA00205 |
| Manufacturer/Supplier | Bioatlas Riia 181A Tartu, 51014 Estonia Phone: +372 5562 4867 Fax: +372 616 6755 |
| Information in case of emergency | Phone: +372 5562 4867 e-mail: info@bioatlas.com |

| 2. COMPOSITION/ INFORMATION ON INGREDIENTS |
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| The product contains no substances which at their given concentration, are considered to be hazardous to health. |

| 3. HAZARDS IDENTIFICATION | |
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| Hazard description | Not applicable. |
| Information concerning particular hazards for human and environment | Not applicable. |
| Classification system | The classification is according to the latest editions of the EU-lists. |

| 4. FIRST-AID MEASURES | |
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| Inhalation | Move to fresh air. If breathing becomes difficult, call a physician. |
| Ingestion | Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. |
| Skin contact | Wash off immediately with plenty of soap and water. If irritation develops, get medical attention. |
| Eye contact | Rinse opened eye immediately with plenty of water. If irritation persists, get medical attention. |
| Notes to physician | Treat symptomatically. |

| 5. FIRE-FIGHTING MEASURES | |
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| Suitable extinguishing media | Dry chemical, CO ₂ , water spray or alcohol resistant foam. |
| Fire/Explosion hazards | Not applicable. |
| Protective equipment | 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 | Use personal protective equipment. Ensure adequate ventilation. |
| Environmental precautions | Do not allow to enter surface/ sewers or ground water. Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). |

7. HANDLING AND STORAGE

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| Handling | No special measures are required for safe handling of this product. |
| Storage | No special precautions required. Store at -20°C. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Exposure limits | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| Personal protective equipment | |
| Respiratory protection | Not required. |
| Hand protection | Protective gloves. |
| Eye protection | Protective goggles. |
| Skin and body protection | Appropriate protective clothing. |
| Hygiene measures | Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Form | Solution. |
| Color | Colorless. |
| Odor | Odorless. |
| Ph value | 7.0-7.5 |
| Boiling point | Undetermined. |
| Melting point | Undetermined. |
| Flash point | Not applicable. |
| Autoflammability | Not applicable. |
| Explosion hazard | Not applicable. |
| Vapor pressure | No information available. |
| Relative density | No information available. |
| Water solubility | Easily soluble. |

10. STABILITY AND REACTIVITY

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| Conditions to avoid | None, if used according to specifications. |
| Materials to avoid | Strong oxidizing agents, acids and alkali. |
| Hazardous decomposition products | No dangerous decomposition products known. |

11. TOXICOLOGICAL INFORMATION

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| Routes of exposure: | |
| Inhalation | Material may be irritating to mucous membranes and upper respiratory tract. |
| Skin contact | May cause skin irritation. |
| Eye contact | May cause eye irritation. |
| Sensitization | Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. |
| Additional toxicological information | When used and handled according to specifications, the product does not have any harmful effects to our experience. |

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

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| Waste handling and disposal | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |
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14. TRANSPORT INFORMATION

This substance is considered to be non-hazardous for transport.

15. REGULATORY INFORMATION

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| Labeling according to EU guidelines | This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials. |
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16. OTHER INFORMATION

MSDS Creation Date: 04.08.2008/ **Revision date:** 02/08/2011

This information is believed to be accurate and represents the best information currently available to us. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Bioatlas is not held liable for any damage resulting from handling or from contact with the above mentioned products.