

| 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY |   |
|---|---|
| <b>Product name</b>                                 | Titan HotTaq EvaGreen® qPCR Mix (ROX)                                     |
| <b>Catalog number</b>                               | BT11101   |
| <b>Manufacturer/Supplier</b>                        | Bioatlas<br>Riia 181A<br>Tartu, 50411<br>Estonia<br>Phone: +372 5562 4867 |
| <b>Information in case of emergency</b>             | Phone: +372 5562 4867<br>e-mail: info@bioatlas.com                        |

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

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

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

| 5. FIRE-FIGHTING MEASURES           |  |
|-------------------------------------|--|
| <b>Suitable extinguishing media</b> | Dry chemical, CO <sub>2</sub> , water spray or alcohol resistant foam.                                 |
| <b>Fire/Explosion hazards</b>       | Not applicable.  |
| <b>Protective equipment</b>         | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. |

| 6. ACCIDENTAL RELEASE MEASURES   |  |
|----------------------------------|--|
| <b>Personal precautions</b>      | Use personal protective equipment. Ensure adequate ventilation.  |
| <b>Environmental precautions</b> | Do not allow to enter surface/ sewers or ground water. Prevent further leakage or spillage if safe to do so. |
| <b>Methods for cleaning up</b>   | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).             |

| 7. HANDLING AND STORAGE |   |
|-------------------------|---|
| <b>Handling</b>         | No special measures are required for safe handling of this product. |
| <b>Storage</b>          | No special precautions required. Store at -20°C.                    |

| 8. EXPOSURE CONTROLS/PERSONAL PROTECTION |  |
|--|--|
| <b>Exposure limits</b>                   | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| <b>Personal protective equipment</b>     |  |
| 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 |                           |
|-------------------------------------|---------------------------|
| <b>Form</b>                         | Solution.                 |
| <b>Color</b>                        | Colorless.                |
| <b>Odor</b>                         | Odorless.                 |
| <b>Ph value</b>                     | 7.0-7.5                   |
| <b>Boiling point</b>                | Undetermined.             |
| <b>Melting point</b>                | Undetermined.             |
| <b>Flash point</b>                  | Not applicable.           |
| <b>Autoflammability</b>             | Not applicable.           |
| <b>Explosion hazard</b>             | Not applicable.           |
| <b>Vapor pressure</b>               | No information available. |
| <b>Relative density</b>             | No information available. |
| <b>Water solubility</b>             | Easily soluble.           |

| 10. STABILITY AND REACTIVITY            |  |
|---|--|
| <b>Conditions to avoid</b>              | None, if used according to specifications. |
| <b>Materials to avoid</b>               | Strong oxidizing agents, acids and alkali. |
| <b>Hazardous decomposition products</b> | No dangerous decomposition products known. |

| 11. TOXICOLOGICAL INFORMATION               |   |
|---|---|
| <b>Routes of exposure:</b>                  |   |
| Inhalation                                  | Material may be irritating to mucous membranes and upper respiratory tract.   |
| Skin contact                                | May cause skin irritation.  |
| Eye contact                                 | May cause eye irritation.   |
| <b>Sensitization</b>                        | Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.                       |
| <b>Additional toxicological information</b> | When used and handled according to specifications, the product does not have any harmful effects to our experience. |

| 12. ECOLOGICAL INFORMATION        |   |
|-----------------------------------|---|
| <b>Mobility</b>                   | No information available.   |
| <b>Degradability/Accumulation</b> | Inherently biodegradable./Does not bioaccumulate.   |
| <b>Ecotoxicity</b>                | This product is slightly hazardous for water<br>Do not allow product to reach ground water, water course or sewage system |

| 13. DISPOSAL CONSIDERATIONS        |  |
|------------------------------------|--|
| <b>Waste handling and disposal</b> | Waste must be disposed of in accordance with federal, state and local environmental control regulations. |

| 14. TRANSPORT INFORMATION                                       |  |
|---|--|
| This substance is considered to be non-hazardous for transport. |  |

| 15. REGULATORY INFORMATION                 |   |
|--|---|
| <b>Labeling according to EU guidelines</b> | This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials. |

| 16. OTHER INFORMATION   |  |
|---|--|
| <p><b>MSDS Creation Date:</b> 01.06.2010/ <b>Revision date:</b> 02/08/2019</p> <p><i>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.</i></p> <p><i>EvaGreen® is a registered trademark of Biotium, Inc.</i></p> |  |



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