MATERIAL SAFETY DATA SHEET

Section 1 - Product and Company Information

Product Code: MasterMix-R
Product Name: BrightGreen 2X qPCR MasterMix-ROX

Section 2 - Hazards Identification

GHS-Classification

Signal Word
Not Hazardous

Health Hazard
Not Hazardous

Physical Hazards
Not Hazardous

Principle Routes of Exposure/Potential Health Effects

Eyes
May cause eye irritation with susceptible persons.

Skin
May cause skin irritation in susceptible persons.

Inhalation
May be harmful by inhalation.

Ingestion
May be harmful if swallowed.

Specific Effects

Carcinogenic Effects
None

Mutagenic Effects
None

Reproductive Toxicity
None

Sensitization
None

Target Organ Effects
No known effects under normal use conditions.

WHMIS

<table>
<thead>
<tr>
<th>Health</th>
<th>0</th>
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</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
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Section 3 - Composition/Information on Ingredient

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.
Section 4 - First Aid Measures

**Eye contact**
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin contact**
Wash off with soap and plenty of water. Consult a physician.

**Inhalation**
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

**Ingestion**
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Notes to physician**
Treat symptomatically.

Section 5 - Fire Fighting Measures

**Suitable extinguishing media**
- Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special protective equipment for fire-fighters**
- Wear self contained breathing apparatus for fire fighting if necessary.

**Unusual Fire and Explosions Hazard(s)**
- N/A

**Flash Point**
- N/A

**Autoignition Temp**
- N/A

**Flammability**
- N/A

Section 6 - Accidental Release Measures

**Personal Precautions**
Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of vapors. Wear disposable coveralls and discard after use.

**Methods for Cleaning-up**
Soak up with inert absorbing materials and place in a closed container for disposal. Ventilate area and wash spill site after material pickup is complete.

**Environmental Precautions**
Prevent further leakage or spillage if safe to do so. See Section 12 for additional information.

Section 7 - Handling and Storage

**Handling**
Always wear recommended Personal Protective Equipment. No special handling required.

**Storage**
Keep cap tightly closed. Store at -20°C.

Section 8 - Exposure Controls / PPE

**Exposure Limits**
No known exposure limit.

**Engineering Measures**
Ensure adequate ventilation, especially in confined areas.

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Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution’s risk assessment, and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory Protection  Wear suitable respiratory equipment if ventilation is insufficient.
Hand  Compatible chemical-resistant gloves.
Eye  Compatible safety goggles.
Skin and body protection  Lightweight protective clothing.
Hygiene measures  Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

Prevent product entering drains

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<td>Melting Point/Range</td>
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<td>Flash Point</td>
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<tr>
<td>Auto-ignition Temperature</td>
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<tr>
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<td>Skin</td>
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<td>Inhalation</td>
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Section 12 - Ecological Information

Ecotoxicity Effects  No information available.
Mobility  No information available.
Biodegradation  Inherently biodegradable.
Bioaccumulation  Does not bioaccumulate.

Section 13 - Disposal Considerations

Dispose of in accordance with local regulations.

Section 14 - Transportation Information

IATA

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>Not classified as dangerous under the transport regulations.</th>
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<tbody>
<tr>
<td>Hazard Class</td>
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<tr>
<td>Subsidiary Class</td>
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<tr>
<td>Packing Group</td>
<td>None</td>
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<tr>
<td>Un-No</td>
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Section 15 - Regulatory Information

U.S. Federal Regulations

SARA 313
Not Regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)
Contains no HAPs.

U.S. State Regulations

California Proposition 65
Contains no chemical listed under Proposition 65.

Canadian Regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

WHMIS Hazard Class
Not controlled.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.
Section 16 - Other Information

DISCLAIMER: For R&D use only. Not for drug, household or other uses.

The information contained in this Material Safety Datasheet is believed to be accurate but it is the responsibility of the user or supplier to determine the applicability of these data to the formulation of necessary safety precautions.

Coderegenesis Biosciences, shall not be held responsible for any damage resulting from the use of the above product or the information contained in this Material Safety Datasheet.