1. **PRODUCT AND COMPANY IDENTIFICATION**

<table>
<thead>
<tr>
<th>Product code</th>
<th>95078-125, 95078-250, 95078-012, 95078-05K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>PerfeCTa™ qPCR FastMix, UNG, Low ROX</td>
</tr>
</tbody>
</table>

**Manufacturer**
QUANTA BIOSCIENCES INC.
202 PERRY PKWY., SUITE 1
GAITHERSBURG, MD 20877
301-956-1670

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2. **COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous/Non-hazardous Components**
The product contains no substances which at their given concentration, are considered to be hazardous to health.

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3. **HAZARDS IDENTIFICATION**

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

**Form**
Liquid

**Potential Health Hazards**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>No information available</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No information available</td>
</tr>
<tr>
<td>Ingestion</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**Specific Effects**

<table>
<thead>
<tr>
<th>Carcinogenic effects</th>
<th>No information available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mutagenic effects</td>
<td>No information available</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No information available</td>
</tr>
<tr>
<td>Sensitization</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**Target Organ Effects**
No information available

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4. **FIRST AID MEASURES**

- **Skin contact**
  Wash off immediately with plenty of soap and water. If irritation develops, get medical attention.

- **Eye contact**
  Rinse thoroughly with plenty of water, also under the eyelids. If irritation persists, get medical attention.

- **Ingestion**
  Never give anything by mouth to an unconscious person.

- **Inhalation**
  Move to fresh air.

- **Notes to physician**
  Treat symptomatically

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5. **FIRE-FIGHTING MEASURES**

- **Suitable extinguishing media**
  Dry chemical

- **Special protective equipment for firefighters**
  Wear self-contained breathing apparatus and protective suit
6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment

Methods for cleaning up

Soak up with inert absorbent material

7. HANDLING AND STORAGE

Handling

No special handling advice required

Storage

Keep in properly labeled containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Engineering measures

Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment

Hand protection

Protective gloves

Eye protection

Safety glasses with side-shields

Skin and body protection

Lightweight protective clothing

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

Prevent product from entering drains

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form

Liquid

Important Health Safety and Environmental Information

Boiling point/range

°C No data available  °F No data available

Melting point/range

°C No data available  °F No data available

Flash point

°C No data available  °F No data available

Autoignition temperature

°C No data available  °F No data available

Oxidizing properties

No information available

Water solubility

No data available

10. STABILITY AND REACTIVITY

Stability

Stable

Materials to avoid

No information available

Hazardous decomposition products

No information available

Polymerization

Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Principle Routes of Exposure / Potential Health Effects

Eyes

No information available

Skin

No information available

Inhalation

No information available

Ingestion

No information available

Specific Effects

Carcinogenic effects

No information available

Mutagenic effects

No information available

Reproductive toxicity

No information available

Sensitization

No information available
Target Organ Effects: No information available

### 12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ecotoxicity effects</th>
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</thead>
<tbody>
<tr>
<td>Mobility</td>
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<tr>
<td>Biodegradation</td>
<td>Inherently biodegradable</td>
</tr>
<tr>
<td>Bioaccumulation</td>
<td>No information available</td>
</tr>
</tbody>
</table>

### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

### 14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>IATA</th>
<th>Proper shipping name</th>
<th>Not classified as dangerous in the meaning of transport regulations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hazard Class</td>
<td>No information available</td>
</tr>
<tr>
<td></td>
<td>Subsidiary Class</td>
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</tr>
<tr>
<td></td>
<td>Packing group</td>
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</tr>
<tr>
<td></td>
<td>UN-No</td>
<td>No information available</td>
</tr>
</tbody>
</table>

### 15. REGULATORY INFORMATION

**International Inventories**

**U.S. Federal Regulations**

**SARA 313**

Not regulated

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product contains the following HAPs:

**U.S. State Regulations**

None listed

**WHMIS Hazard class**

Non-controlled

### 16. OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.

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END OF SAFETY DATA SHEET