1. PRODUCT AND COMPANY IDENTIFICATION

Product code  
95104-250, 95104-012, 95104-05K  
84167, 84168

Product name  
AccuStart™ MarkerSelect PCR SuperMix ROX

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

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.

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

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

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

- Ecotoxicity effects: No information available
- Mobility: No information available
- Biodegradation: Inherently biodegradable
- Bioaccumulation: No information available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

IATA
Non-hazardous for air transport

RIS/ADR
Non-hazardous for road transport

IMDG
Non-hazardous for sea transport

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