1. Product and Company Information

Product details
- Product Number: K-2601, K-2602, K-2603, K-2604
- Product Name: AccuPower® Taq PCR PreMix

Company
BIONEER CORPORATION
8-11, Munpyeongseoro, Daedeok-gu, Daejeon 306-220, Korea
82-42-930-8523

2. Composition/Information on Ingredient

Chemical characterization
- Product name: AccuPower® Taq PCR PreMix
- CAS number: Not applicable (Mixture)
- The product contains no substances which at their given concentration, are considered to be hazardous to health.

3. Hazards Identification.

Hazard description
- Not hazardous.

NFPA ratings (Scale 0~4)
- Health = 1
- Fire = 1
- Reactivity = 0

4. First Aid Measures.

- Skin contact: Wash off immediately with plenty of water
- Eye contact: Irrigate thoroughly with plenty of water, also under the eyelids.
- Ingestion: Never give anything by mouth to an unconscious person
- Inhalation: Move to fresh air

5. Fire Fighting Measures.

Fire and explosion hazards
- Can be disregard.

Suitable extinguishing agents
- Use dry chemical, CO2 or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.
6. Accidental Release Measures

Person-related safety precautions

Use personal protective equipment

Measures for cleaning

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

7. Handling / Storage

Handling

No special handling advice required.

Storage

Keep tightly closed. Store in a cool dry place.

8. Exposure Controls / Personal Protection

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory: Respiratory protection is not required.
Hand protection: Impervious gloves
Eye protection: Chemical safety goggles.
Skin and body protection: Lightweight protective clothing.
General hygiene measures: Wash thoroughly after handling.

9. Physical / Chemical Properties

General information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>N/A = not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Viscous pellet</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>blue</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>odorless</td>
<td></td>
</tr>
<tr>
<td>Boiling point / Boiling range</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Melting point / Melting range</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Freezing point</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
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<td></td>
</tr>
<tr>
<td>Vapor Density</td>
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<td></td>
</tr>
<tr>
<td>Volatile %</td>
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<td></td>
</tr>
<tr>
<td>Flash point</td>
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<tr>
<td>Autoignition Temp</td>
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<td></td>
</tr>
<tr>
<td>specific gravity</td>
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<td></td>
</tr>
<tr>
<td>Density</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Solubility</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>
10. Stability / Reactivity

Stability
Stable: stable.
Materials to avoid: No information available

Hazardous decomposition products
No information available

Hazardous polymerization
Will not occur.

11. Toxicological Information

Route of exposure
Skin contact: No information available.
Skin absorption: No information available.
Eye contact: No information available.
Inhalation: No information available.

Signs and symptoms of exposure
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. Ecological Information

Not data available.

13. Disposal Considerations

Disposal must be made according to the Standard.

14. Transport Information

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

15. Regulatory Information

Indication of danger
Not hazardous

Risk phrases
No information available

Safety phrases
No information available
<table>
<thead>
<tr>
<th>16. Other Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>This information is based on our present knowledge and shall be used only as a guide. However, this shall not constitute a guarantee for any specific product features. BIONEER is not held liable for any damage resulting from handing or from contact with the above products.</td>
</tr>
</tbody>
</table>