

**Material Safety Data Sheet**

Version No.: 4 (Rev. date : 2025-05-16)

***AccuPower<sup>®</sup>* RT-PCR PreMix**

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**1. Product and company identification**

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**Product details**Product Name : *AccuPower<sup>®</sup>* RT-PCR PreMix

Product Number : K-2055, K-2055-B, K-2057, K-2057-B, K-2264

**Use of the Product**

Identified uses : For research use only. Not for use in diagnostic procedures.

**Company**

BIONEER CORPORATION

8-11, Munpyeongseo-ro, Daedeok-gu, Daejeon 34302, Republic of Korea

82-42-930-8777

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**2. Hazards identification**

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**Hazard description**

- Irritant to eyes, respiratory system and skin
- Harmful in contact with skin
- Toxic if swallowed

**Information concerning particular hazards for humans and environment:**

- The product does not have to be labeled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest valid version.
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**Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

**NFPA ratings (Scale 0-4)**

Health = 1

Fire = 1

Reactivity = 0



GHS label :

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### 3. Composition/information on ingredients

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#### Chemical characterization

Description : Pellet, consisting of the following components:

| CAS No    | Component name     | weight(%) |
|-----------|--------------------|-----------|
| 7447-40-7 | Potassium Chloride | <0.1      |
| 77-86-1   | TRIS Base          | <0.1      |

#### Other components:

Components not listed here are not dangerous or their concentrations do not exceed the limits specified in the EU directive. 1999/25/EC.

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### 4. First aid measures

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**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

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### 5. Fire-fighting measures

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#### 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.

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### 6. Accidental release measures

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#### 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.

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### 7. Handling and storage

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#### Handling

No special handling advice required.

#### Storage

Keep tightly closed. Store in a cool dry place.

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## 8. Exposure controls / personal protection

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### 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.

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## 9. Physical and chemical properties

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### General information

|                               |                |
|-------------------------------|----------------|
| Physical state                | Viscous pellet |
| Color                         | Colorless      |
| Odor                          | odorless       |
| Boiling point / Boiling range | N/A            |
| Melting point / Melting range | N/A            |
| Freezing point                | N/A            |
| Vapor Pressure                | N/A            |
| Vapor Density                 | N/A            |
| Volatile %                    | N/A            |
| Flash point                   | N/A            |
| Autoignition Temp             | N/A            |
| specific gravity              | N/A            |
| Density                       | N/A            |
| Solubility                    | N/A            |

N/A = not available.

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## 10. Stability and Reactivity

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### Stability

Stable: stable.

Materials to avoid : No information available

### Hazardous decomposition products

No information available

### Hazardous polymerization

Will not occur.

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## 11. Toxicological information

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### 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.

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## 12. Ecological information

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Not data available.

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## 13. Disposal considerations

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Disposal must be made according to the Standard.

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## 14. Transport information

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### UNRTDG

Not regulated as a dangerous good

### IATA-DGR

Not regulated as a dangerous good

### IMDG-Code

Not regulated as a dangerous good

### Special precautions for user:

Not classified as dangerous in the meaning of transport regulations

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## 15. Regulatory information

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### Indication of danger

Not hazardous

### Risk phrases

No information available

### Safety phrases.

No information available

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## 16. Other information

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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 handling or from contact with the above products.

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