

**Material Safety Data Sheet**

Version No.: 1.1(Rev. date : 2015-10-01)

**AccuPower<sup>®</sup> HotStart PCR PreMix**

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**1. Product and company identification**

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**Product details**

Product Name : *AccuPower<sup>®</sup>* HotStart PCR PreMix  
Product Number : K-5050, K-5051, K-5052, K-5053, K-5057

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

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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.