

Material Safety Data Sheet  
Version No.: 4.0(2023-02-23)

# 10mM dNTPs mixture

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## 1. PRODUCT AND COMPANY INFORMATION

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**Product Name** : 10mM dNTPs mixture

**Product Number** : D-3001

**Product Use** : For research use only and are not intended for human or animal diagnostics, therapeutic , or other clinical uses, unless otherwise stated.

**Company**

Bioneer corporation

8-11, Munpyeongseo-ro, Daedeok-gu, Daejeon 306-220, Republic of Korea

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## 2. HAZARDS IDENTIFICATION

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**GHS** : None

**Pictogram** : None

**Signal Word** : None

**Hazard statements** : None

**Precautionary statements** : None

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## 3. Composition/Information on Ingredient

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

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#### 4. FIRST AID MEASURES

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##### Eye contact

- Rinse opened eye for several minutes under running water.

##### Skin contact

- Generally the product does not irritate the skin.

##### Inhaled

- Move to fresh air

##### Swallowed

- If symptoms persist consult doctor.
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#### 5. Firefighting measures

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##### Suitable extinguishing media

- Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

##### Special hazards arising from the substance or mixture

- No further relevant information available.

##### Advice for firefighters

- Wear self contained breathing apparatus for fire fighting if necessary.
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#### 6. Accidental release measures

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##### Personal precautions, protective equipment and emergency procedures

- Not required.

##### Environmental precautions

- Dilute with plenty of water.
- Do not allow to enter sewers/ surface or ground water.

##### Methods and materials for containment and cleaning up

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
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## 7. Handling and storage

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### Precautions for safe handling

- No special measures required.
- Provide appropriate exhaust ventilation at places where dust is formed.
- Normal measures for preventive fire protection.

### Conditions for safe storage, including any incompatibilities

- Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
- Recommended storage temperature: -20 °C

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## 8. Exposure controls/personal protection

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### Appropriate engineering controls

- Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Respiratory protection

- Respiratory protection not required.

#### Eye/face protection

- Goggles recommended during refilling.

#### Skin protection

- Handle with gloves.

#### Body Protection

- impervious clothing
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## 9. Physical and chemical properties

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**Appearance** : form – liquid

colour – colorless

**Odour** : odourless

**Odour Threshold** : no data available

**pH** : no data available

**Melting point/freezing point** : no data available

**Initial boiling point and boiling range** : no data available

**Flash point** : no data available

**Evaporation rate** : no data available

**Flammability (solid, gas)** : no data available

**Upper/lower flammability or explosive limits** : no data available

**Vapour pressure** : no data available

**Vapour density** : no data available

**Relative density** : no data available

**Partition coefficient: n-octanol/water** : no data available

**Auto-ignition temperature** : no data available

**Decomposition temperature** : no data available

**Viscosity** : no data available

**Explosive properties** : no data available

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## 10. Stability and reactivity

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**Chemical stability** : Stable under recommended storage conditions.

**Possibility of hazardous reactions** : no data available

**Conditions to avoid** : no data available

**Incompatible materials** : no data available

**Hazardous decomposition products** : no data available

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## 11. Toxicological information

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**Acute toxicity** : no data available

**Skin corrosion/irritation** : no data available

**Serious eye damage/eye irritation** : no data available

**Respiratory sensitisation** : no data available

**skin sensitisation** : no data available

**Carcinogenicity** : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

**Germ cell mutagenicity** : no data available

**Specific target organ toxicity – single exposure** : no data available

**Specific target organ toxicity – repeated exposure** : no data available

**Aspiration hazard** : no data available

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## 12. Ecological information

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**Toxicity** : no data available

**Persistence and degradability** : no data available

**Bioaccumulative potential** : no data available

**Mobility in soil** : no data available

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## 13. Disposal considerations

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**Waste treatment methods** : Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging** : Dispose of as unused product.

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#### 14. Transport information

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**UN number** : no data available

**UN proper shipping name**

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

**Transport hazard class** : no data available

**Packaging group** : no data available

**Environmental hazards** : no data available

**Special precautions for user** : no data available

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#### 15. Regulatory information

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**Safety, health and environmental regulations/legislation specific for the substance or mixture**

no data available

**Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

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## 16. Other information

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### Material source

Korea Occupational Safety and Health Agency, National Chemicals Information System

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### Further information

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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