

**Material Safety Data Sheet**

Version No.: 2.0(29-04-2014)

**10mM dNTPs mixture**

---

**1. PRODUCT AND COMPANY INFORMATION**

---

**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

+82-42-930-8777

---

**2. HAZARDS IDENTIFICATION**

---

**GHS** – None**Pictogram** : None**Signal Word** : None**Hazard statements:** None**Precautionary statements:** None

---

**3. Composition/Information on Ingredient**

---

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

---

**4. FIRST AID MEASURES**

---

**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.
- 

**5. Firefighting measures**

---

**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.
- 

**6. Accidental release measures**

---

**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).
- 

**7. Handling and storage**

---

**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
- 

**8. Exposure controls/personal protection**

---

**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
- 

**9. Physical and chemical properties**

---

**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**: noctanol/water : no data available

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

**Decomposition temperature** : no data available

**Viscosity** : no data available

**Explosive properties** : no data available

---

---

## 10. Stability and reactivity

---

**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

---

## 11. Toxicological information

---

**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

---

## 12. Ecological information

---

**Toxicity** : no data available

**Persistence and degradability** : no data available

**Bioaccumulative potential** : no data available

**Mobility in soil** : no data available

---

## 13. Disposal considerations

---

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

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

---

---

**14. Transport information**

---

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

---

**15. Regulatory information**

---

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

---

**16. Other information**

---

Material source

Korea Occupational Safety and Health Agency, National Chemicals Information System

Version No.: 2.0(29-04-2014)

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.

---