

## **MATERIAL SAFETY DATA SHEET**

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### **Section 1 - Product and Company Identification**

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**Product Identification:** 10mM dNTPs mixture  
**Date of MSDS:** 08/15/2012 **Technical Review Date:** 08/15/2012  
**FSC: NIIN:** EMPTY  
**Submitter:** F BT  
**Status Code:** A  
**MFN:** 01  
**Article:** N  
**Kit Part:** N

### **Manufacturer's Information**

**Manufacturer's Name:** Genet Bio Co.  
**Manufacturer's Address1:** B-412, Migun Techno World II, Techno2-ro, Yuseong-gu  
**Manufacturer's Address2:** Daejeon  
**Manufacturer's Country:** South Korea  
**General Information Telephone:** 82-0502-523-3484  
**Emergency Telephone:** 82-0502-523-3485  
**Proprietary:** N  
**Reviewed:** Y  
**Published:** Y

### **Contractor Information**

**Contractor's Name:** Genet Bio  
**Contractor's Address1:** B-412, Migun Techno World II, Techno2-ro, Yuseong-gu  
**Contractor's Address2:** Daejeon, South Korea  
**Contractor's Telephone:** 82-0502-523-3485

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### **Section 2 - Composition/Information on Ingredients**

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Nucleoside triphosphates in water solution.  
Volume of each product package varies: 0.5-1.0ml.

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### **Section 3 - Hazards Identification, Including Emergency Overview**

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#### **Primary routes of entry**

Skin or eye contact from splashes.  
Inhalation of the vapor at room temperature is unlikely.  
The toxicological properties of those materials have not been fully investigated.

#### **Ingestion**

Low hazard.

#### **Skin contact**

Non-irritating.

#### **Eye contact**

May cause mild irritation.

## **Evidence for reproductive toxicity, carcinogenicity and mutagenicity**

No data available.

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### **Section 4 - First Aid Measures**

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#### **After skin contact**

Wash skin with water and soap and rinse thoroughly. Remove contaminated clothing.

#### **After eye contact**

Rinse opened eyes for several minutes under running water. Get medical attention if eyes become irritating.

#### **After swallowing (ingestion)**

Rinse mouth. Drink plenty of water. Get medical attention if irritating or symptoms occur

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### **Section 5 - Fire Fighting Measures**

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#### **Fire and explosion hazards**

Not applicable.

#### **Suitable extinguishing media**

Water spray, carbon dioxide, extinguishing powder or foam.

#### **Protective equipment**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

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### **Section 6 - Accidental Release Measures**

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#### **Personal precautions**

Use proper personal protective equipment as indicated in Section 8.

#### **Measures for cleaning / collecting**

Sweep up or absorb material, then place it into container for disposal. Wash spill site after material pickup is complete.

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### **Section 7 - Handling and Storage**

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#### **Handling**

No special measures necessary. Good laboratory technique should be used when handling.

#### **Storage**

No special measures necessary. Store at -20°C.

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### **Section 8 - Exposure Controls & Personal Protection**

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#### **Exposure limits**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the

workplace.

**Eye protection**

Safety goggles (glasses).

**Skin protection**

Protective gloves, a lab coat.

**Hygiene measures**

Keep away from foodstuffs and beverages.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working with products.

**Breathing equipment**

Not required.

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**Section 9 - Physical & Chemical Properties**

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**Appearance**

Liquid.

**Color**

Colorless.

**Odor**

Odorless.

**Boiling point**

No data available.

**Flash point:**

No data available.

**Explosive properties**

No data available.

**Vapor pressure**

No data available.

**pH**

7.0.

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**Section 10 - Stability & Reactivity Data**

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**Stability**

Stable, under normal handling and storage conditions.

**Decomposition**

No data available.

**Conditions to avoid**

Contact with strong oxidants, fire.

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**Section 11 - Toxicological Information**

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No data available.

Preparations may cause allergic reactions in certain sensitive individuals.

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**Section 12 - Ecological Information**

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No data available.

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### **Section 13 - Disposal Considerations**

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Dispose of in accordance with federal, state and local environmental regulations.

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### **Section 14 - MSDS Transport Information**

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Not regulated.

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### **Section 15 - Regulatory Information**

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Wear suitable protective clothing, gloves and eye/face protection.

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### **Section 16 - Other Information**

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#### **Other 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.

GeNet Bio is not held liable for any damage resulting from handling or from contact with the above products.