

**Product Application: laboratory chemicals, research use only (RUO)**

## Material Safety Data Sheet

Prepared according to EC Directive 91/155 EC Date: 01/08/10

PRODUCT NAME	CATALOGUE NUMBERS	COMPONENTS
25 mM dNTP Mix	NUM010S NUM0101	1. 25 mM dNTP Mix

### I. COMPANY MANUFACTURER/SUPPLIER AND CONTACT IN CASE OF EMERGENCY

highQu GmbH  
Nelkenstrasse 5  
76703 Kraichtal  
Germany  
T: +49 7250 33 13 401  
F: +49 7250 33 11 413  
[info@highQu.com](mailto:info@highQu.com)  
[www.highQu.com](http://www.highQu.com)

**Call 24 hours: Emergency 112 || Detoxification +49 (0)30 30686 700**

### II. HAZARDS IDENTIFICATION

**Component: 1. 25 mM dNTP Mix****Classification according to Regulation (EC) No 1272/2008:** The product is not classified according to the CLP regulation.**Classification according to Directive 67/548/EEC or Directive 1999/45/EC:** Void**Information concerning particular hazards for human and environment:** The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.**Classification system:** The classification was made according to the latest editions of the EU lists, and expanded upon from company and literature data.**Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).**Safety phrases:** Not applicable.**Other hazards:** Results of PBT and vPvB assessment**PBT:** Not applicable. **vPvB:** Not applicable.

### III. COMPOSITION/INGREDIENT INFORMATION

**Chemical characterization:** Mixtures**Dangerous components:**

- None

**Additional information:** Components not listed here are not hazardous or their concentrations do not exceed the limits specified in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### IV. FIRST AID MEASURES

**General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** Induce vomiting and call for medical help.**Information for doctor, most important symptoms and effects, both acute and delayed:** No further relevant information available.**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

**Product Application: laboratory chemicals, research use only (RUO)****V. FIREFIGHTING MEASURES****Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture:** No further relevant information available.**Protective equipment:** No special measures required.**VI. 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 material for containment and cleaning up:** Absorb with liquid - binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to Section XIII.**Reference to other sections:**

See Section VII for information on safe handling.

See Section VIII for information on personal protection equipment.

See Section XIII for disposal information.

**VII. HANDLING/STORAGE****Precautions for safe handling:** No special measures required.**Information about protection against explosions and fires:** No special measures required.**Conditions for safe storage, including any incompatibilities:** No special conditions.**Storage requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** None.**Specific end use(s):** No further relevant information available**VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Additional information about design of technical systems:** No further data.**Control parameters:****Components with limit values that require monitoring at the workplace:** None**Additional information:** The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment****General protective and hygienic measures:** The usual precautionary measures should be adhered to when handling chemicals.**Breathing equipment:** Not required.**Protection of hands:** Protective gloves.

Material of gloves: Synthetic gloves.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses

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**Product Application: laboratory chemicals, research use only (RUO)****XII. ECOLOGICAL INFORMATION****Acquatic toxicity:** No further relevant information available.**Persistence and degradability:** No further relevant information available.**Behaviour in environmental systems. Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**Additional ecological information. General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.**Results of PBT and vPvB assessment:** PBT: Not applicable. vPvB: Not applicable.**Other adverse effects:** No further relevant information available.**XIII. DISPOSAL CONSIDERATIONS****Waste treatment methods****Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.**Uncleaned packagings:** Recommendation: Disposal must be made according to official regulations.**Recommended cleansing agent:** Water, if necessary with cleansing agents**XIV. TRANSPORT INFORMATION****Maritime transport IMDG****Marine pollutant:** No**Special precautions for user:** Not applicable.**Transport/Additional information:** Not dangerous according to the above specifications.**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.**XV. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:** ·**Technical instructions (air):** Class Share in % NK 10-20**Water hazard class:** No hazard.**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**XVI. OTHER INFORMATION**

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