

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
10 mM dNTP Mix	NUM020S NUM0201	1. 10 mM dNTP Mix

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

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II. HAZARDS IDENTIFICATION

Component: 1. 10 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.

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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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