

Material Safety Data Sheet

Printing date: 27/04/2004

Reviewed on: 27/04/2004

Page 1/4

1. Identification of the substance/preparation and of the company/undertaking

- Product details
- Component name: **5mM dNTP/dUTP Mix**
- Product name: **qPCR Core kit**
qPCR Core kit (100 reactions)
qPCR Core kit for SYBR[®] green I
qPCR Core kit for SYBR[®] green I (100 reactions)
qPCR Core kit No ROX
qPCR Core kit for SYBR[®] green I No ROX
qPCR Core kit Only dUTP
qPCR Core kit for SYBR[®] green I Only dUTP
QuickGoldStar qPCR Core kit
QuickGoldStar qPCR Core Kit for SYBR[®] green I
- Catalog number: **RT-QP73-05**
RT-QP73-01
RT-SN73-05
RT-SN10-05
RT-SN73-01
RT-QP73-05NR
RT-SN73-05NR
RT-SN10-05NR
RT-QP10-05OU
RT-SN10-05OU
RT-QP10-05QGS
RT-SN10-05QGS
- Manufacturer/Supplier: Eurogentec S.A.
LIEGE SCIENCE PARK
B-4102 Seraing
Belgium
Tel. +32-4-3727400
Fax.+32-4-3727500
- Further information obtainable from: Eurogentec Helpdesk
Tel. +32-4-3727665
- Information in case of emergency: Please contact the regional Eurogentec representation in your country or Eurogentec S.A. directly.
- MSDS-Nr.: MSDS-5MMDNTPMIX-V2

2. Composition/information on ingredients

- Chemical characterization
- Description:
- Dangerous components: No hazardous substances in reportable quantities.

3. Hazards identification

- Hazard description: Not applicable
- Information concerning particular hazards for human and environment: Warning – This preparation contains a substance not yet tested completely.
- Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Material Safety Data Sheet

Printing date: 27/04/2004

Reviewed on: 27/04/2004

Page 2/4

Component name: 5mM dNTP dUTP Mix

4. First-aid measures

- After inhalation: Fresh air. Consult a doctor in case of complaints.
- After skin contact: Wash off under running water
- After eye contact: Rinse out with plenty of water
- After swallowing: Make victim drink plenty of water. Consult doctor if feeling unwell.

5. Fire-fighting measures

- Suitable extinguishing agents: Water, CO2, powder.
- Protective equipment: Do not inhale explosion gases or combustion gases.

6. Accidental release measures

- Person-related safety precautions: Ensure adequate ventilation.
- Measures for environmental protection: Do not allow product to reach sewage system or any water course.
- Measures for cleaning/collection: Absorb with liquid-binding material.

7. Handling and storage

- **Handling:**
- Information for safe handling: Not required
- Information about fire: Not required
- **Storage:**
- Requirements to be met by storerooms and receptacles: No further requirements
- Information about storage in one common storage facility: Not required
- Further information about storage conditions: -20°C
- Class according to regulation on flammable Liquids: Void

8. Exposure controls/personal protection

- Additional information about design of technical facilities: No further requirements; see item 7.
- Ingredients with limit values that require monitoring at the workplace: No ingredients need monitoring
- Personal protective equipment:
- General protective and hygienic measures: The usual precautionary measures are to be adhered when handling chemicals
- Respiratory protection: Not required
- Protection of hands: Protective gloves
- Eye protection: Protective goggles

Material Safety Data Sheet

Printing date: 27/04/2004

Reviewed on: 27/04/2004

Page 3/4

Component name: 5 mM dNTP dUTP Mix

9. Physical and chemical properties

- Form: Fluid
- Color: Colorless
- Odor: Odorless
- Change in condition
 - Melting point/range: Undetermined
 - Boiling point/range: Undetermined
- Flash point: Not applicable
- Self-igniting: Not self-igniting
- Danger of explosion: No explosion hazard
- Density: Not determined
- Solubility in water: Fully soluble
- Miscibility with water: Fully miscible

10. Stability and reactivity

- Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.
- Dangerous reactions: No information available
- Dangerous decomposition products: No information available

11. Toxicological information

- Acute toxicity: -
- Primary irritant effect: -
- On the skin: -
- On the eye: -
- Sensitization: -
- Additional toxicological information: The product should be handled with the usual care when dealing with chemicals.

12. Ecological information

- General notes: Substance slightly hazardous to water.

13. Disposal considerations

- Product:
- Recommendation: Dispose as special waste in compliance with official regulations.
- Uncleaned packaging:
- Recommendation: Dispose in compliance with official regulations
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information

- Land transport ADR/RID (cross-border)
- ADR/RID class: -
- Maritime transport IMDG:
- IMDG Class: -
- Marine pollutant: No
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class: -

Material Safety Data Sheet

Printing date: 27/04/2004

Reviewed on: 27/04/2004

Page 4/4

15. Regulation information

- Labeling according to EU guidelines:
- Symbol -
- R-phrases -
- S-phrases -

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SYBR® is a registered trademark of Molecular Probes Inc.