

Material Safety Data Sheet

Printing date: 27/04/2004

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

- Product details
 - Component name:
 - Product name:
- DMSO**
qPCR Core kit for SYBR[®] green I
qPCR Core kit for SYBR[®] green I (100 reactions)
qPCR Core kit for SYBR[®] green I No ROX
qPCR Core Kit for SYBR[®] green I No dUTP
qPCR Core Kit for SYBR[®] green Only dUTP
QuickGoldStar qPCR Core Kit for SYBR green I
qPCR MasterMix for SYBR[®] green I
qPCR MasterMix for SYBR[®] green I No ROX
qPCR MasterMix for SYBR[®] green I No ROX Sample
qPCR MasterMix Plus for SYBR[®] green I / 7,5mL
qPCR MasterMix Plus for SYBR[®] green I / 15mL
qPCR MasterMix Plus for SYBR[®] green I / 50mL
qPCR MasterMix for SYBR[®] green I Only dUTP
QuickGoldStar qPCR MasterMix For SYBR[®] green I
Lithos qPCR MasterMix 2 mM/3mM/4mM/5mM
Lithos qPCR MasterMix HotStart 2mM/3mM/4mM/5mM
Smart Kit for SYBR[®] green I
- Catalog number:
- RT-SN73-05
RT-SN10-05
RT-SN73-01
RT-SN73-05NR
RT-SN10-05NR
RT-SN10-05NU
RT-SN10-05OU
RT-SN10-05QGS
RT-SN2X-03
RT-SN2X-03T
RT-SN2X-03NR
RT-SN2X-005+NR
RT-SN2X-03-075+
RT-SN2X-03-15+
RT-SN2X-03-50+
RT-SN2X-03+OU
RT-SN2X-03+QGS
RT-SN73-35LC2/3/4/5
RT-SNHS-35LC2/3/4/5
RT-SN2X-CE
- 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-DMSO-V3

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Component name: DMSO

2. Composition/information on ingredients

- Chemical characterization
- Description: Pure dimethyl sulfoxide
- Dangerous components:

67-68-5	DMSO	100%
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3. Hazards identification

- Hazard description: Irritant
- Information concerning particular hazards for human and environment: Irritating to skin and eyes
- Classification system: The classification is according to the latest editions of the EU-lists.

4. First-aid measures

- After inhalation: Fresh air. Consult a doctor in case of complaints.
- After skin contact: Wash off under running water. Remove contaminated clothing.
- After eye contact: Rinse out with plenty of water. Consult eye specialist
- After swallowing: Make victim drink plenty of water. Administer activated charcoal and laxative. Consult doctor.

5. Fire-fighting measures

- Suitable extinguishing agents: Water, CO2, powder.
- Protective equipment: Do not inhale explosion gases or combustion gases. Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

6. Accidental release measures

- Person-related safety precautions: Avoid substance contact. Do not inhale vapours/aerosols. 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: Well-ventilated
- Further information about storage conditions: Tightly closed. Dry.
- Class according to regulation on flammable Liquids: Combustible

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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 MAC value determined. Risk of skin absorption.
- Personal protective equipment:
- General protective and hygienic measures: The usual precautionary measures are to be adhered when handling chemicals
- Respiratory protection: Required when vapours/aerosols are generated
- Protection of hands: Protective gloves
- Eye protection: Protective goggles

9. Physical and chemical properties

- Form: Fluid
- Color: Colorless
- Odor: Characteristic
- Change in condition
 - Melting point/range: 18,5°C
 - Boiling point/range: 189°C
- Flash point: 95°C
- Self-igniting: Not self-igniting
- Danger of explosion: No explosion hazard
- Density: 1,10 g/cm³ at 20°C
- Solubility in water: Fully soluble
- Miscibility with water: Fully miscible

10. Stability and reactivity

- Thermal decomposition/conditions to be avoided: Strong heating
- Dangerous reactions: Alkali metals, hydrides, nitrates, halogen-halogen compounds, acid chlorides, oxyhalogenic compounds, acid halides, nitrogen oxides, sulfur oxides, strong oxidizing agents.
- Dangerous decomposition products: Carbon monoxide, carbon dioxide, sulfur dioxide.

11. Toxicological information

- Acute toxicity: -
- Primary irritant effect:
- On the skin: Irritant to skin and mucous membranes
- On the eye: Irritating effect
- Sensitization: Negative in animal tests
- Additional toxicological information: The product should be handled with the usual care when dealing with chemicals.

12. Ecological information

- General notes: Biodegradable.

13. Disposal considerations

- Product:
- Recommendation: Dispose as special waste in compliance with official regulations. Do not allow product to reach sewage system.
- Uncleaned packaging:
- Recommendation: Dispose in compliance with official regulations
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

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Component name: DMSO**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: -

15. Regulation information

- Labeling according to EU guidelines:
- Symbol Xi Irritant
- R-phrases 36/38 Irritating to skin and eyes
- S-phrases 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.

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