

Material Safety Data Sheet

Printing date: 01/04/2008

Reviewed on: 01/08/2008

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

- Product details
 - Component name:
 - Product name:
- 50 mM MgCl₂
 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
 qPCR Core kit No dUTP
 qPCR Core Kit for SYBR® green I No dUTP
 QuickGoldStar qPCR Core Kit
 qPCR MasterMix
 qPCR MasterMix Plus 7,5ml
 qPCR MasterMix Plus 15ml
 qPCR MasterMix Plus 50ml
 qPCR MasterMix Plus Sample
 qPCR MasterMix Plus 10-Pack
 qPCR MasterMix Low ROX
 qPCR MasterMix for SYBR® green I
 qPCR MasterMix Plus for SYBR® green I 7,5 ml
 qPCR MasterMix Plus for SYBR® green I 15 ml
 qPCR MasterMix Plus for SYBR® green I 50 ml
 qPCR MasterMix Plus for SYBR® green I Sample
 qPCR MasterMix Plus for SYBR® green I Low ROX
 qPCR MasterMix Plus for SYBR® green I with fluorescein
 qPCR MasterMix No ROX
 qPCR MastreMix No ROX Sample
 qPCR MasterMix for SYBR® green I No ROX
 qPCR MasterMix for SYBR® green I No ROX Sample
 qPCR MasterMix Plus w/o UNG
 qPCR MasterMix dNTP
 qPCR MasterMix Plus for SYBR® green I w/o UNG
 qPCR MasterMix Plus for SYBR® green I dNTP
 FASTqPCR MasterMix Plus 7,5ml
 FAST BLUE qPCR MasterMix Plus 7,5ml
 FASTqPCR MasterMix Plus dTTP 7,5ml
 FAST BLUE qPCR MasterMix Plus dTTP 7,5ml
 FASTqPCR MasterMix Plus Low ROX w/o UNG 7,5ml
 FAST BLUE qPCR MasterMix Plus Low ROX w/o UNG 7,5ml
 FASTqPCR MasterMix Plus Low ROX 7,5ml
 FASTqPCR MasterMix Plus No ROX 7,5ml
 FAST BLUE qPCR MasterMix Plus No ROX 7,5ml
 FASTqPCR MasterMix Plus dTTP No ROX 7,5ml
 QuickGoldStar qPCR MasterMix Plus
 QuickGoldStar qPCR MasterMix Plus Sample
 One step RT qPCR MasterMix
 One Step RT qPCR MasterMix Plus 10-Pack
 One step RT qPCR MasterMix (100 reactions)
 One step RT qPCR MasterMix for SYBR® green I
 One Step RT qPCR MasterMix No ROX
 One Step RT qPCR MasterMix Low ROX
 QuickGoldStar One step RT qPCR MasterMix
 Lithos qPCR MasterMix 2/3/4/5 mM
 Lithos qPCR MasterMix 2/3/4/5 mM
 Lithos kit for plastic capillaries
 Lithos kit for SYBR® green I for plastic capillaries
 Smart Kit
 Smart Kit for SYBR® green I
 MESA GREEN qPCR MasterMix for SYBR® Assay dTTP
 MESA GREEN qPCR MasterMix for SYBR® Assay 7.5 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay 15 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay 50 ml

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Component name: 50 mM MgCl₂

- Product name:

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MESA GREEN qPCR MasterMix for SYBR® Assay No ROX 15 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay No ROX 50 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay Low ROX 7.5 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay Low ROX 15 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay Low ROX 50 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay fluorescein 7.5 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay fluorescein 15 ml
 MESA GREEN qPCR MasterMix for SYBR® Assay fluorescein 50 ml
 MESA BLUE qPCR MasterMix for SYBR® Assay 7.5 ml
 MESA BLUE qPCR MasterMix for SYBR® Assay No ROX 7.5 ml
 MESA BLUE qPCR MasterMix for SYBR® Assay Low ROX 7.5 ml
 MESA BLUE qPCR MasterMix for SYBR® Assay fluorescein 7.5 ml
 MESA FAST qPCR MasterMix for SYBR® Assay 7.5 ml
 MESA FAST qPCR MasterMix for SYBR® Assay No ROX 7.5 ml
 MESA FAST qPCR MasterMix for SYBR® Assay dTTP No ROX 7.5 ml
 MESA FAST qPCR MasterMix for SYBR® Assay Low ROX 7.5 ml

- 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-QP10-05NU
 RT-SN10-05NU
 RT-QP10-05QGS
 RT-QP2X-03
 RT-QP2X-03-075+
 RT-QP2X-03-15+
 RT-QP2X-03-50+
 RT-QP2X-005+
 RT-QP2X-02+-10
 RT-QP2X-03+WOU LR
 RT-SN2X-03
 RT-SN2X-03-075+
 RT-SN2X-03-15+
 RT-SN2X-03-50+
 RT-SN2X-005+
 RT-SN2X-03+WOUN
 RT-SN2X-03+NRFL
 RT-QP2X-03NR
 RT-QP2X-005+NR
 RT-SN2X-03NR
 RT-SN2X-005+NR
 RT-QP2X-03WOU+
 RT-QP2X-03+WOUN
 RT-QP2X-03+F
 RT-QP2X-03+FB
 RT-QP2X-03+WOUNF
 RT-QP2X-03+WOUNFB
 RT-QP2X-03+WOU LRF
 RT-QP2X-03+WOU LRFB
 RT-QP2X-03+LRF
 RT-QP2X-03+NRF
 RT-QP2X-03+NRFB
 RT-QP2X-03+NRWOUNF

RT-SN2X-03WOU+
RT-SN2X-03+WOUN
RT-QP2X-03+QGS



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- Catalog number: RT-SN2X-48
RT-QP2X-CE
RT-QP2X-005+QGS
RT-QPRT-032X
RT-QPRT-022+-10
RT-QPRT-012X
RT-SNRT-032X
RT-QPRT-032XNR
RT-QPRT-032XLR
RT-QPRT-032XQGS
RT-SN73-35LC2/3/4/5
RT-SNHS-LC2/3/4/5
RT-QP2X-48
RT-SN2X-CE
RT-SY2X-03+WOUN
RT-SY2X-03+WOU
RT-SY2X-06+WOU
RT-SY2X-20+WOU
RT-SY2X-03+NRWOU
RT-SY2X-06+NRWOU
RT-SY2X-20+NRWOU
RT-SY2X-03+WOULR
RT-SY2X-06+WOULR
RT-SY2X-20+WOULR
RT-SY2X-03+WOUFL
RT-SY2X-06+WOUFL
RT-SY2X-20+WOUFL
RT-SY2X-03+WOUB
RT-SY2X-03+NRWOUB
RT-SY2X-03+WOULRB
RT-SY2X-03+WOUFLB
RT-SY2X-03+WOUF
RT-SY2X-03+NRWOUF
RT-SY2X-03+NRWOUNF
RT-SY2X-03+WOULRF
- 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-50MMMGCL2-V12

2. Composition/information on ingredients

- Chemical characterization
- Description: Mixture of substances listed below with non hazardous additions
- Dangerous components:

7791-18-6

Magnesium chloride

<2%

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3. Hazards identification

- Hazard description: Not applicable
- Information concerning particular hazards for human and environment: Not applicable
- Classification system: The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

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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 a 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: Not required.
- Measures for environmental protection: No special measures required.
- Measures for cleaning/collection: No special measures required.

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: Tightly closed. -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 ingredient needs 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

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9. Physical and chemical properties

- Form: Fluid
- Color: Colorless
- Odor: Odorless
- Change in condition
 - Melting point/range: Undertermined
 - Boiling point/range: Undertermined
- 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: Slightly irritant to skin and mucous membranes
- On the eye: Irritating effect
- Sensitization: No
- Additional toxicological information: The product should be handled with the usual care when dealing with chemicals.

12. Ecological information

- General notes: Not known to be 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: -

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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.

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