

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product details

- Component name
- Product name

**SYBR® Green I**  
 qPCR Core kit for SYBR® green I  
 qPCR Core kit for SYBR® green I No ROX  
 qPCR Core kit for SYBR green® I No dUTP  
 qPCR Core Kit for SYBR green® I 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 Only dUTP  
 QuickGoldStar qPCR MasterMix for SYBR green® I  
 Lithos qPCR Mastermix 2 mM/3mM/4mM/5mM MgCl<sub>2</sub>  
 Lithos qPCR Mastermix HotStart 2mM/3mM/4mM/5mM MgCl<sub>2</sub>  
 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  
 Smart Kit for SYBR® green I

- Catalog number

RT-SN73-05  
 RT-SN10-05  
 RT-SN73-01  
 RT-SN73-05NR  
 RT-SN10-05NR  
 RT-SN10-03NU  
 RT-SN10-03OU  
 RT-SN10-05-QSG  
 RT-SN2X-03  
 RT-SN2X-03T  
 RT-SN2X-03NR  
 RT-SN2X-03+OU  
 RT-SN2X-03+QGS  
 RT-SN73-35LC2/3/4/5  
 RT-SNHS-35LC2/3/4/5  
 RT-SN2X-03-075+  
 RT-SN2X-03-15+  
 RT-SN2X-03-50+  
 RT-SN2X-CE

### 1.2 Relevant identified uses of the substance/preparation and uses advised against

For laboratory use only.

### 1.3 Manufacturer/Supplier:

**Kaneka Eurogentec s.a.**  
 Parc Scientifique du Sart Tilman 4102  
 Seraing Belgium  
 Tel +32-4-3727400  
 Fax +32-4-2640788  
 E-mail scientific.support@eurogentec.com

Kaneka Eurogentec Helpdesk  
 Tel. +32-4-3727665

### 1.4 Emergency information

Please contact the regional Kaneka Eurogentec representation in your country or Kaneka Eurogentec S.A. directly (from 8 am to 6 pm).

MSDS-Nr.:

MSDS-SYBRGREENI-V4

## 2. Hazards identification

### 2.1 Classification of the substance or mixture:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

### 2.2 Label elements: None

### 2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 3. Composition/information on ingredients

**3.1 Substance:** Not applicable

**3.2 Mixture:**

All ingredients in this product are not dangerous and not classified by GHS standard.

### 4. First-aid measures

**4.1 Description of first aid measures:**

After inhalation:	Fresh air. Consult a doctor in case of complaints.
After skin contact:	Wash off with soap and plenty of water.
After eye contact:	Rinse out with plenty of water.
After swallowing:	Wash out mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if feeling unwell.

**4.2 Most important symptoms and effects:** See section 11

**4.3 Immediate medical attention and special treatment needed:** No data available.

### 5. Fire-fighting measures

**5.1 Suitable extinguishing agents:** Water, CO<sub>2</sub>, powder.

**5.2 Special hazards:** No data available.

**5.3 Advice for firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

### 6. Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid contact with skin, avoid breathing vapors or mist.

**6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so.  
Do not let enter drains.

**6.3 Measures and materials for containment and cleaning up:**

Absorb with liquid-binding material.

**6.4 Reference to other sections:**

For disposal see section 13.

### 7. Handling and storage

**7.1 Precautions for safe handling:** Wear laboratory gloves, avoid inhalation of vapour or mist

**7.2 Conditions for safe storage, incl. any incompatibilities:** Store at -20°C.

**7.3 Specific end use(s):** see section 1.2, no other use stipulated

### 8. Exposure controls/personal protection

**8.1 Control parameters:** -

**8.2 Exposure controls:** -

**Appropriate engineering controls:** General laboratory hygiene practice

**Personal protective equipment:** General laboratory hygiene practice

**Eye-face protection:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves, preferentially nitrile rubber gloves.

**Body protection:** Laboratory coat.

**Respiratory protection:** Not required under normal use.

**Control of environmental exposure:** Do not let product enter drains.

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties:**

a. Appearance:	Fluid
b. Color:	Colorless
c. Odor:	Odorless
d. Odor threshold:	No data available
e. pH:	No data available
<b>Change in condition</b>	
f. Melting point/range:	No data available
g. Boiling point/range:	No data available
h. Flash point:	Not applicable
i. Self-igniting:	Not self-igniting
j. Danger of explosion:	No explosion hazard
k. Density:	No data available
l. Solubility in water:	Fully soluble
m. Miscibility with water:	Fully miscible

**9.2 Other safety information:** No data available

**10. Stability and reactivity**

<b>10.1 Reactivity:</b>	No data available
<b>10.2 Chemical stability:</b>	Stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions:</b>	No data available
<b>10.4 Conditions to avoid:</b>	Excess heat, incompatible materials, water/moisture
<b>10.5 Incompatible materials:</b>	No data available.
<b>10.6 Hazardous decomposition products:</b>	No data available.

**11. Toxicological information****11.1 Information on toxicological effects:**

Acute toxicity:	No data available
Skin corrosion/irritation:	Irritant to skin and mucous membranes
Serious eye damage/irritation:	Irritating effect
Respiratory or skin sensitization:	Possible
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity-single exposure	No data available
Specific target organ toxicity-repeated exposure	No data available
Aspiration hazard	No data available

Additional toxicological information: The product should be handled with the usual care when dealing with chemicals.

**12. Ecological information**

<b>12.1 Toxicity:</b>	Slightly hazardous for water.
<b>12.2 Persistence and degradability:</b>	No data available.
<b>12.3 Bioaccumulative potential:</b>	No data available.
<b>12.4 Mobility in soil:</b>	No data available.
<b>12.5 Results of PBT and vPvB assessment:</b>	No data available.
<b>12.6 Other adverse effects:</b>	No data available.

