

# Safety data sheet

Revision: 15-03-2016  
Replaces: 18-03-2013  
Version: 01.01/EU-UK

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name: Universal cDNA Synthesis kit II

Item number: 203301

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended uses: For miRCURY LNA Universal RT microRNA PCR.  
Kit containing 4 tubes.

### 1.3. Details of the supplier of the safety data sheet

Supplier: Exiqon A/S  
Skelstedet 16  
2950 Vedbæk  
Denmark  
Tel: +4545660888  
Fax: +4545661888  
Email: support@exiqon.com

### 1.4. Emergency telephone number

+45 45 66 08 88  
Emergency telephone comments: The emergency telephone is open between 8 a.m. and 4 p.m. on workdays.

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP-classification (Regulation  
(EC) No 1272/2008):

The product shall not be classified as hazardous according to EU classification and labelling rules.

Most serious harmful effects:

May cause slight irritation to the skin and eyes.

### 2.2. Label elements

The product shall not be classified as hazardous according to EU classification and labelling rules.

### 2.3. Other hazards

Assessment to determine PBT and vPvB has not been made.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Registration number	CAS/EC No.	Substance	CLP-classification (Regulation (EC) No 1272/2008) w/w%	Note
		Contains no substances subject to reporting requirements.		

Please see section 16 for the full text of H-phrases.

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin:	Remove contaminated clothing. Wash the skin with water.
Eyes	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
Other information:	When obtaining medical advice, show the safety data sheet or label.

### 4.2. Most important symptoms and effects, both acute and delayed

May cause slight irritation to the skin and eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms. No special immediate treatment required.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with powder, foam, carbon dioxide or water mist. Use water or water mist to cool non-ignited stock.
Unsuitable extinguishing media	Do not use water stream, as it may spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Can generate harmful flue gases containing carbon monoxide in the event of fire.

### 5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases – seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Stop leak if this can be done without risk.
For emergency responders:	In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

### 6.2. Environmental precautions

Prevent spillage from entering drains and/or surface water.

### 6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

### 6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

### 7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.  
Storage temperature: -20°C.

### 7.3. Specific end use(s)

None.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Legal basis: Commission Directive 2000/39/EC (Occupational Exposure Limits). Last amended by Commission Directive 2009/161/EU.

Contains no substances subject to reporting requirements.

### 8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Not required.

Personal protective equipment, skin protection: Plastic or rubber gloves recommended.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State: Liquid  
Colour: Multiple colours  
Odour: No data  
Odour threshold: No data  
pH (solution for use): No data  
pH (concentrate): No data  
Melting point/freezing point: No data  
Initial boiling point and boiling range: No data  
Flash point: No data  
Evaporation rate: No data  
Flammability (solid, gas): No data  
Upper/lower flammability limits: No data  
Upper/lower explosive limits: No data  
Vapour pressure: No data  
Vapour density: No data  
Relative density: No data  
Solubility: Soluble in the following: Water.  
Partition coefficient n-octanol/water: No data  
Auto-ignition temperature: No data  
Decomposition temperature: No data  
Viscosity: No data  
Explosive properties: No data  
Oxidising properties: No data

### 9.2. Other information

None.

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Not reactive.

### 10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

## 10.5. Incompatible materials

None known.

## 10.6. Hazardous decomposition products

Product decomposes in fire conditions or when heated to high temperatures, and inflammable and toxic gases may be released.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity - oral:	Ingestion may cause discomfort. The product does not have to be classified. Test data are not available.
Acute toxicity - dermal:	The product does not have to be classified. Test data are not available.
Acute toxicity - inhalation:	The product does not have to be classified. Test data are not available.
Skin corrosion/irritation:	May cause slight irritation. The product does not have to be classified. Test data are not available.
Serious eye damage/eye irritation:	Temporary irritation. The product does not have to be classified. Test data are not available.
Respiratory sensitisation or skin sensitisation:	The product does not have to be classified. Test data are not available.
Germ cell mutagenicity:	The product does not have to be classified. Test data are not available.
Carcinogenic properties:	The product does not have to be classified. Test data are not available.
Reproductive toxicity:	The product does not have to be classified. Test data are not available.
Single STOT exposure:	The product does not have to be classified. Test data are not available.
Repeated STOT exposure:	The product does not have to be classified. Test data are not available.
Aspiration hazard:	The product does not have to be classified. Test data are not available.
Other toxicological effects:	None known.

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## SECTION 12: Ecological information

### 12.1. Toxicity

The product does not have to be classified. Test data are not available.

### 12.2. Persistence and degradability

Test data are not available.

### 12.3. Bioaccumulative potential

Test data are not available.

### 12.4. Mobility in soil

Test data are not available.

### 12.5. Results of PBT and vPvB assessment

No assessment has been made.

### 12.6. Other adverse effects

None known.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Avoid discharge to drain or surface water. Contact the local authorities.

EWC code: Depends on line of business and use, for instance 16 05 09 Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08.

Absorbent/cloth contaminated with the product:  
EWC code: 15 02 03 Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in  
15 02 02.

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### SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods.

#### 14.1. UN number

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#### 14.2. UN proper shipping name

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#### 14.3. Transport hazard class(es)

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#### 14.4. Packing group

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#### 14.5. Environmental hazards

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#### 14.6. Special precautions for user

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#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: None.

#### 15.2. Chemical safety assessment

Chemical safety assessment has not been performed.

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### SECTION 16: Other information

Changes have been made in the following sections: 2,3,8,16

Abbreviation explanations:

PBT: Persistent, Bioaccumulative and Toxic  
vPvB: Very Persistent and Very Bioaccumulative  
STOT: Specific Target Organ Toxicity

Classification method:

Calculation based on the hazards of the known components.

H-phrases:

No H-phrases.

Training:

A thorough knowledge of this safety data sheet should be a prerequisite condition.

Other information:

This safety data sheet is in accordance with 1907/2006/EC (REACH) and subsequent amendments.

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