

**Product Application: laboratory chemicals, research use only (RUO)**

## Material Safety Data Sheet

Prepared according to EC Directive 91/155 EC Date: 01/08/10

PRODUCT NAME	CATALOGUE NUMBERS	COMPONENTS
Synthetic Carrier RNA, 1 or 10 mg/ml	SCR01XX SCR02XX	Synthetic Carrier RNA, 1 or 10 mg/ml

XX - can be different numbers/letters depending on product sizes

### I. COMPANY MANUFACTURER/SUPPLIER AND CONTACT IN CASE OF EMERGENCY

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**Call 24 hours: Emergency 112 || Detoxification +49 (0)30 30686 700**

### II. HAZARDS IDENTIFICATION

**Component:** Synthetic Carrier RNA, 1 or 10 mg/ml in water**Classification according to Regulation (EC) No 1272/2008:** The product is not classified according to the CLP regulation.**Classification according to Directive 67/548/EEC or Directive 1999/45/EC:** Void**Information concerning particular hazards for human and environment:** The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.**Classification system:** The classification was made according to the latest editions of the EU lists, and expanded upon from company and literature data.**Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (GefStoffV).**Safety phrases:** Not applicable.**Other hazards:** Results of PBT and vPvB assessment**PBT:** Not applicable. **vPvB:** Not applicable.

### III. COMPOSITION/INGREDIENT INFORMATION

**Chemical characterization:** Mixtures**Dangerous components:**

- None

**Additional information:** Components not listed here are not hazardous or their concentrations do not exceed the limits specified in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### IV. FIRST AID MEASURES

**General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** Induce vomiting and call for medical help.**Information for doctor, most important symptoms and effects, both acute and delayed:** No further relevant information available.**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

**Product Application: laboratory chemicals, research use only (RUO)****V. FIREFIGHTING MEASURES****Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture:** No further relevant information available.**Protective equipment:** No special measures required.**VI. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures:** Not required.**Environmental precautions:** Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.**Methods and material for containment and cleaning up:** Absorb with liquid - binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to Section XIII.**Reference to other sections:**

See Section VII for information on safe handling.

See Section VIII for information on personal protection equipment.

See Section XIII for disposal information.

**VII. HANDLING/STORAGE****Precautions for safe handling:** No special measures required.**Information about protection against explosions and fires:** No special measures required.**Conditions for safe storage, including any incompatibilities:** No special conditions.**Storage requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** None.**Specific end use(s):** No further relevant information available**VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Additional information about design of technical systems:** No further data.**Control parameters :****Components with limit values that require monitoring at the workplace:** None**Additional information:** The lists that were valid during the creation were used as basis.**Exposure controls****Personal protective equipment****General protective and hygienic measures:** The usual precautionary measures should be adhered to when handling chemicals.**Breathing equipment:** Not required.**Protection of hands:** Protective gloves.

Material of gloves: Synthetic gloves.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Safety glasses

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MSDS has been prepared in accordance with EC Directive 91/155 EC Date: 01/08/10. We believe the information herein is correct as of the date hereof but we do not provide a warranty of any kind. The purchaser of highQu product is responsible himself for ensuring that, where applicable, existing laws and guidelines are observed.

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