

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
StainIN™ RED Nucleic Acid Stain	NAS010S NAS010I	StainIN™ RED Nucleic Acid Stain

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

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II. HAZARDS IDENTIFICATION

Component: 1. StainIN™ RED Nucleic Acid Stain solution in DMSO**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:** 35 This material and its container must be disposed of in a safe way.**Other hazards:** Results of PBT and vPvB assessment**PBT:** Not applicable. **vPvB:** Not applicable.

III. COMPOSITION/INGREDIENT INFORMATION

Chemical characterization: Mixtures**Description:** Mixture of the substances listed below with nonhazardous additions, such as:

- Water at 50-80% concentration
- RED Nucleic Acid Stain at <1% concentration.

Dangerous components:

- Dimethyl Sulfoxide: CAS: 67-68-5, EINECS: 200-664-3, DMSO at 20-50% concentration.

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: Gloves required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Wash off with soap and plenty of water. Consult a physician.**After eye contact:** Rinse opened eye for 15 minutes under running water. Consult a physician.**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.

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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:** Wear disposable coveralls, chemical-resistant gloves.**Information about protection against explosions and fires:** No special measures required.**Conditions for safe storage, including any incompatibilities:** Store closed at +4°C in the dark.**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: Chemical-resistant 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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