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 N	NAME CATALOGUE NUMBI	RS COMPONENTS
PCR Water	WAT010S	1. PCR Water
	WAT0110	
1.	I. COMPANY MANUFACTURER/SUPPLIER AND CONTACT IN CASE OF EMERGENCY	

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#### II. HAZARDS IDENTIFICATION

## **Component: PCR 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: Water

**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:** No special measures required.

After skin contact: Generally the product does not irritate the skin.

**After eye contact:** No special measures required. **After swallowing:** No special measures required.

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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#### V. FIREFIGHTING MEASURES

Suitable extinguishing agents: No special measures required.

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:** No special measures required.

Methods and material for containment and cleaning up: No special measures required.

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:** No special measures required. **Eye protection:** No special measures required.



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## IX. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Solution **Colour:** Colourless

Odour: Odourless. Odour threshold: Not determined.

pH-value: Not determined.

Melting point/Melting range: undetermined

Boiling point/Boiling range: 100°C

Flash point: Not applicable.

**Flammability (solid, gaseous):** Not applicable. **Ignition temperature:** Not determined.

 $\label{lem:decomposition} \textbf{Decomposition temperature:} \ \mathsf{Not} \ \mathsf{determined}.$ 

Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

**Explosion limits:** Not determined **Vapour pressure at 20°C:** 23 hPa

**Density:** Not determined

Relative density: Not determined. Vapour density: Not determined. Evaporation rate: Not determined.

Solubility in / Miscibility with Water: Fully miscible

Segregation coefficient (n-octanol/water): Not determined.

Viscosity dynamic: Not determined.

**Kinematic:** Not determined. **Solvent content:** Water

Other information: No further relevant information available.

## X. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

**Possibility of hazardous reactions:** No dangerous reactions known. **Conditions to avoid:** No further relevant information available. **Incompatible materials:** No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known

# XI. TOXICOLOGICAL INFORMATION

Acute toxicity: LD/LC50 values that are relevant for classification: No special data available.

**Primary irritant effect:** 

On the skin: No effects known.
On the eye: No effects known.
Sensitization: No effects known.
Potential health effects
Inhalation: No effects known.

**Ingestion:** No effects known.

**Additional toxicological information:** The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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## XII. ECOLOGICAL INFORMATION

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems. Bio accumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

**Additional ecological information. General notes:** No hazardous effects for water. **Results of PBT and vPvB assessment:** PBT: Not applicable. vPvB: Not applicable.

Other adverse effects: No further relevant information available.

## XIII. DISPOSAL CONSIDERATIONS

## Waste treatment methods

**Recommendation:** Must not be disposed of together with household garbage.

**Uncleaned packagings:** Recommendation: Disposal must be made according to official regulations.

**Recommended cleansing agent:** Water

## XIV. TRANSPORT INFORMATION

# Maritime transport IMDG Marine pollutant: No

**Special precautions for user:** Not applicable.

**Transport/Additional information:** Not dangerous according to the above specifications. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

## XV. REGULATORY INFORMATION

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

National regulations ·

Technical instructions (air): Class Share in % NK 10-20

Water hazard class: No hazard.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## XVI. OTHER INFORMATION

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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