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SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier :

Substance name : RT-PCR Grade Water

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

Recommended restrictions on use : For professional users only.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier : ROJETechnologies

Street address / P.O. Box : ROJE street, 69th alley, Foroudgah blvd, Sanaat square, 8917357485,
Yazd, Iran

Country ID / Postcode / Place : Iran

Telephone number : +98 35 3723 7122

TeleFax : +98 35 3723 7122

E-Mail : safety@rojetechnologies.co

National contact: ROJETechnologies

1.4 Emergency Telephone Number

Opening Hours: 8-15:00 Sa to Wed and 8-13:00 Thurs

Language Of The Phone Service: English/ Persian

Only Available During Office Hours.

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 classification according to regulation (EC) No 1272/2008 (CLP)

Skin irritation : No data available

Eye irritation : No data available

Skin sensitization : No data available

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2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard pictograms:

No data available

Signal word:

No data available

Hazard statements:

No data available

Precautionary statements:

No data available

2.1.2 Carcinogenicity:

IARC	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3: *Composition/Information on Ingredients*

3.1 Substances

Substances name:	No data available
INDEX No.:	No data available
EC NO.:	No data available

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REACH No.:	No data available
CAS No.:	No data available
Purity:	No data available
Synonymes:	No data available
Stabilisers:	No data available
Hazard impurities:	No data available

3.2 Mixtures

Description of the mixture:	Substance
Hazardous ingredients:	No hazardous ingredients

SECTION 4: *First Aid Measures*

4.1 Description of first aid measures

- General notes: Show this material safety data sheet to the doctor in attendance.
- following inhalation: Not applicable
- following skin contact: Not applicable
- following eye contact: Not applicable
- following ingestion: Not applicable

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	No information available.
Effects:	No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for doctor:	No information available.
Special treatment:	No information available.

SECTION 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable extinguishing : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Exposure to decomposition products may be a hazard to health.

5.3 Advice for fire-fighters

Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Protective equipment: Use personal protective equipment.

Ensure adequate ventilation.

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

Emergency procedures: Evacuate the danger area or consult an expert if needed.

6.1.2 For emergency responders

Personal protective equipment: Use suitable fabric for personal protective clothing.

6.2 Environmental precautions

Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up

- 6.3.1 For containment:** Keep in suitable, closed containers for disposal.
- 6.3.2 For cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
- 6.3.3 Other information:**

SECTION 7: *Handling and Storage*

7.1 Precautions for safe handling

- Advice on safe handling: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities

- Technical measures and storage conditions: Keep container tightly closed in a dry and well-ventilated place.
- Packaging materials:
- Requirements for storage rooms and vessels:

SECTION 8: *Exposure Controls/Personal Protection*

- 8.1 Control parameters** Contains no substances with occupational exposure limit values.

8.2 Personal protection equipment :

- 8.2.2.1 Eye and face protection :** Tightly fitting safety goggles Do not wear contact lenses.
- 8.2.2.2 Skin protection :** Choose body protection according to the amount and concentration of the dangerous substance at the work place. Footwear protecting against chemicals

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Hand protection : The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : **Safety glasses**

Skin and body protection : **Choose body protection according to the amount and concentration of the dangerous substance at the work place. Footwear protecting against chemicals**

Hygiene measures : **Keep away from food and drink. When using do not eat, drink or smoke**

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

a) Appearance:	liquid
b) Odour:	odorless
c) Odour threshold:	No data available
d) pH:	6 - 8
e) Melting point / freezing point:	0 °C
f) Initial boiling point and boiling range:	No data available
g) Flash point:	Not applicable
h) Evaporation rate:	No data available

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j) Upper / lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	1 (3.98 °C)
n) Solubility(ies)	completely miscible
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	not determined
q) Decomposition temperature	No data available
r) Viscosity	
s) Explosive properties	Not applicable
t) oxidizing properties	No data available

9.2 Other information

SECTION 10: Stability and Reactivity

10.1 Reactivity:	No decomposition if stored and applied as directed.
10.2 Chemical stability:	No decomposition if stored and applied as directed.
10.3 Possibility of hazardous reactions:	Stable under recommended storage conditions. Hazardous decomposition products formed under fire conditions.
10.4 Conditions to avoid:	No data available
10.5 Incompatible materials:	No data available
10.6 Hazardous decomposition products:	No data available

SECTION 11: Toxicological Information

11.1 Information on toxicological effects

11.1.1 Acute toxicity:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.2 Skin corrosion/irritation:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.3 Serious eye damage/irritation:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

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11.1.4 Respiratory or skin sensitization:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.5 Germ cell mutagenicity:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.6 Carcinogenicity:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.7 Reproductive toxicity:

Method:	No data available
Species:	No data available

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Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.8 Summary of evaluation of the CMR properties:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.9 STOT-single exposure:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available
Results:	No data available

11.1.10 STOT-repeated exposure:

Method:	No data available
Species:	No data available
Routes of exposure:	No data available
Effective doses:	No data available
Exposure time:	No data available

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Results: No data available

11.1.10 Aspiration hazard:

Method: No data available

Species: No data available

Routes of exposure: No data available

Effective doses: No data available

Exposure time: No data available

Results: No data available

SECTION 12: Ecological Information

12.1 Toxicity

Acute (short-term) toxicity:

Fish: No data available

Crustatacea: No data available

Algae/aquatic plants: No data available

Other organisms: No data available

Chronic (long-term) toxicity

Fish: No data available

Crustatacea: No data available

Algae/aquatic plants: No data available

Other organisms: No data available

12.2 Persistence and degradability

Abiotic Degradation:

Physical- and photo-chemical elimination

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Biodegradation:

Method: OECD Test Guideline 301C Remarks:

According to the results of tests of biodegradability
this product is not readily biodegradable.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log kow): No data available

12.4 Mobility in soil

Known or predicted distribution to environmental compartments: No data available

Surface tension: No data available

Adsorption/Desorption: No data available

12.5 Other adverse effects

No data available

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Disposal methods Waste from residues :Dispose of as hazardous waste in compliance with
local and national regulations.

Contaminated packaging : Empty containers should be taken to an approved waste
handling site for recycling or disposal.

SECTION 14: Transport Information

14.1. UNRTDG

Not regulated as a dangerous good

14.2. IATA-DGR

Not regulated as a dangerous good

14.3. IMDG-Code

Not regulated as a dangerous good

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14.4. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

14.5. Domestic regulation

49 CFR

Not regulated as a dangerous good

14.6. Special precautions for user :

Remarks :

Not classified as dangerous in the
meaning of transport regulations.

SECTION 15: Regulatory Information

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

TSCA list : No data available

OSHA Hazards : No data available

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

US State Regulations

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

15.2 Chemical safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

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SECTION 16: Other Information

(i) Indication of changes: No information available

(ii) Abbreviations and acronyms: No information available

(iii) Key literature references and sources for data: No information available

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: No information available

(v) Relevant H-statements (number and full text): No information available

(vi) Training advice: No information available

(vii) Further information:

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.