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

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**1.1 Product identifier :**

Substance name : HiPure-dNTP mix, 2.5 mM (0.675 mM each)

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

Recommended restrictions on use : For professional users only and Laboratory chemicals.

**1.3 Details of the supplier of the safety data sheet**

Manufacturer / Supplier : ROJETechnologies

Street address / P.O. Box : ROJE street, 69<sup>th</sup> 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 Sa to Wed and 8-13:00 Thurs

Language Of The Phone Service: English/ Persian

Only Available During Office Hours.

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**SECTION 2: Hazards Identification**

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**2.1 Classification of the substance or mixture****2.1.1 classification according to regulation (EC) No 1272/2008 (CLP)**

Not Hazardous

**2.2 Label elements**

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

## 2.1.2 Carcinogenicity:

<b>IARC</b>	<b>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.</b>
<b>ACGIH</b>	<b>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.</b>
<b>OSHA</b>	<b>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.</b>
<b>NTP</b>	<b>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.</b>

## 2.3 Other hazards

<b>eyes</b>	None.
<b>Skin</b>	None.
<b>inhalation</b>	None.
<b>Ingestion</b>	None.

## 2.4 Specific effects

<b>Carcinogenic effects</b>	None.
<b>Mutagenic effects</b>	None.
<b>Reproductive toxicity</b>	None.
<b>Sensitization</b>	None.

## SECTION 3: *Composition/Information on Ingredients*

### 3.1 Substances

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

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EC NO.:	No data available
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: Liquid

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## SECTION 4: *First Aid Measures*

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### 4.1 Description of first aid measures

<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off all contaminated clothing and wash it before reuse.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Immediate medical attention is required.
<b>Ingestion</b>	Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Call a physician or poison control center immediately.
<b>Notes to Physician</b>	Treat symptomatically.

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## SECTION 5: *Fire-Fighting Measures*

### 5.1 Extinguishing media

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

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus and protective suit.

**Specific hazards during fire fighting:** Exposure to decomposition products may be a hazard to health

**Specific extinguishing methods:** In the event of fire and/or explosion do not breathe fumes

**Specific hazards arising from the chemical** Not known

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## SECTION 6: *Accidental Release Measures*

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

Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Use personal protection equipment.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### 6.3 Methods and materials for containment and cleaning up

**6.3.1 For cleaning up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

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## SECTION 7: *Handling and Storage*

### 7.1 Precautions for safe handling

**Advice on safe handling:** Always wear recommended Personal Protective Equipment.  
No special handling advices are necessary.

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



Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

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**SECTION 8: Exposure Controls/Personal Protection**

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**8.1 Control parameters** Prevent product from entering drains. Do not allow material to contaminate ground water system.

**8.2 Personal protection equipment :**

**Eye and face protection :** Wear safety glasses with side shields (or goggles).

**Skin protection :** Lightweight protective clothing.

**Hand protection :** Impervious gloves.

**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice.

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**SECTION 9: Physical and Chemical Properties**

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**9.1 Information on basic physical and chemical properties:**

a) Appearance:	liquid
b) Odour:	No data available
c) Odour threshold:	No data available
d) pH:	No data available
e) Melting point / freezing point:	No data available
f) Initial boiling point and boiling range:	No data available
g) Flash point:	No data available
h) Evaporation rate:	No data available
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	No data available



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n) Solubility(ies)	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) oxidizing properties	No data available

## 9.2 Other information

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## SECTION 10: Stability and Reactivity

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<b>10.1 Reactivity:</b>	No decomposition if stored and applied as directed.
<b>10.2 Chemical stability:</b>	Stable.
<b>10.3 Possibility of hazardous reactions:</b>	No data available
<b>10.4 Conditions to avoid:</b>	No data available
<b>10.5 Incompatible materials:</b>	No data available
<b>10.6 Hazardous decomposition products:</b>	No data available

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## SECTION 11: Toxicological Information

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### 11.1 Information on toxicological effects

<b>eyes</b>	No data available
<b>Skin</b>	No data available
<b>Inhalation</b>	No data available
<b>Ingestion</b>	No data available





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<b>Carcinogenic effects</b>	None.
<b>Mutagenic effects</b>	None.
<b>Reproductive toxicity</b>	None.
<b>Sensitization</b>	None.
<b>Target Organ Effects</b>	None under normal use conditions

**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

Ingredients:	No data available
maleic acid :	No data available
Toxicity to fish :	No data available

Toxicity to daphnia and other aquatic



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invertebrates : No data available

Toxicity to algae : No data available

**12.2 Persistence and degradability**

Abiotic Degradation: No data available

Physical- and photo-chemical elimination

Biodegradation: Inherently biodegradable.

**12.3 Bioaccumulative potential**

Partition coefficient

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

Bioconcentration factor (BCF): 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 Results of PBT and vPvB assessment** No data available**12.6 Other adverse effects** No data available**12.7 Additional information** No data available

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**SECTION 13: Disposal Considerations**

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**13.1 Waste treatment methods****Disposal methods Waste from residues :** Send to a licensed waste management company.Dispose of as hazardous waste in compliance with local  
and national regulations.





**Contaminated packaging :** Dispose of as unused product. Do not re-use empty containers.

**SECTION 14: Transport Information**

- 14.1. UN number No information available
- 14.2. UN proper shipping name Not classified as dangerous in the meaning of transport regulations
- 14.3. Transport hazard class(es) No information available
- 14.4. Packing group No information available
- 14.5. Environmental hazards No information available
- 14.6. Special precautions for user Not classified as dangerous in the meaning of transport regulations.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code” No data available

**SECTION 15: Regulatory Information**

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

EU regulations

Authorisations and/or restrictions on use: Laboratory chemicals

OSHA Hazards : No information 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.



# Material Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

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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

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(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.