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### 1. PRODUCT/PREPARATION/COMPANY

Trade name: **BIOTOOLS dNTPs (mix & separately)** Company: Biotoools, B & M Labs, S.A.  
Valle de Tobalina – 52 – Nave 39  
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Product Number: 20.031, 20.037, 20.038, 20.039, 20.131,  
20.132, 20.133, 20.134, 20.135, 20.136,  
20.137, 20.138

Emergency number: please contact Biotoools distributor in your country. Spain only: 91 562 04 20

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### 2. COMPOSITION OF THE PRODUCT/INFORMATION ON INGREDIENTS

Chemical characterisation: Solutions in water. Volume of each product package: 1,5 ml

Active ingredients:

CAS-No	EC no	Name	Contents	Danger <sup>1</sup>	Risks
7732-18-5	231-791-2	Water	<90%	None	None
74299-50-6	277-809-2	dATP	<1%	None	None
3770-58-9	223-208-5	dCTP	<1%	None	None
93919-41-6	300-026-5	dGTP	<1%	None	None
18423-43-3	NA	dTTP	<1%	None	None

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### 3. HAZARDS IDENTIFICATION

Not hazardous according to Directive 67/548/EC.

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### 4. FIRST AID MEASURES

**Skin contact**

Generally the product does not irritate the skin.

**Eye contact**

Rinse opened eyes for at least 15 min with copious amounts of water. Call a physician if eyes become irritating.

**Ingestion**

Call a physician if irritating or symptoms occur.

**Inhalation**

Remove to fresh air. Consult doctor en case of complaints.

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### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media**

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

**Fire and explosion hazards**

None

**Protective equipment**

No special measures required.

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<sup>1</sup> Dangers and risks on active ingredients are applicable to pure ingredients. Amounts present in the specified product are under threshold levels as per Directive 67/548/EC and other European Legislation in force.



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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Not required.

### Environmental precautions

Dilute with plenty of water.

Product must not enter ground, sewerage system or water course

### Measures for cleaning/collecting

Collect spilled liquid with liquid-binding material or inert absorbent and place it in a container for disposal. Wash spill site after material pickup is complete.

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## 7. HANDLING AND STORAGE

### Handling

Always keep the containers tightly closed. Observe good laboratory technique when handling. Normal measures for preventive fire protection.

### Storage

Store in the original container, at  $-15\pm 8^{\circ}\text{C}$ .

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure limits

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

### Eye protection

Wear safety glasses

### Hand protection

Wear protective gloves

### Skin protection

Wear labcoat

### Hygiene measures

General industrial hygiene practice

### Breathing equipment

Not required

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Solutions in water

**Colour:** Colorless

**Odour:** Odourless

**Boiling point:** no data available.

**Flash point:** no applicable.

**Explosive properties:** product does not present an explosion hazard

**Vapor pressure:** no data available

**pH:** 7,0

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## 10. STABILITY AND REACTIVITY

### Stability

Stable under normal handling and storage conditions

### Decomposition

No decomposition if used according to specifications.

### Conditions to avoid

No conditions to avoid.

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## 11. TOXICOLOGICAL INFORMATION

**Inhalation** Not harmful if inhaled.  
**Skin** Not harmful if absorbed through skin.  
**Eyes** Not harmful for eyes.  
**Ingestion** Not harmful if swallowed.

**Acute toxicity**  
No data available

**Chronic exposure**  
No data available

**Sensitization**  
No data available

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## 12. ECOLOGICAL INFORMATION

No data available.

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## 13. DISPOSAL CONSIDERATIONS

Controlled disposal in waste system. Product disposal (leftovers or residues resulting from normal use) does not pose any serious hazards in the adequate proportion.  
The product and packaging should be disposed of in accordance with the instructions of the local authorities.

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## 14. TRANSPORT INFORMATION

**RID/ADR**  
Non-hazardous for road transport

**IMDG**  
Non-hazardous for sea transport

**IATA**  
Non-hazardous for air transport

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**15. REGULATORY INFORMATION**

Not hazardous according to Directive 67/548/EC.

dNTPs	
Indication of Danger	-
R phrases	-
S Phrases	-

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**16. OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge, and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Biotools, B & M Labs, S.A. shall not be held liable for any damage resulting from handling or from contact with the above product.

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