

1. PRODUCT/PREPARATION/COMPANY

Trade name: **BIOTOOLS dNTPs (mix & separately)** Company: Biotools, B & M Labs, S.A.
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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 Biotools distributor in your country. Spain only: 91 562 04 20

2. HAZARDS IDENTIFICATION

Not hazardous according to Directive 67/548/EC.

3. 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 ¹	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

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.

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.

¹ 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.

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.

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 $-15\pm 8^{\circ}\text{C}$.

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

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

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.

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

12. ECOLOGICAL INFORMATION

No data available.

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.

14. TRANSPORT INFORMATION

RID/ADR
Non-hazardous for road transport

IMDG
Non-hazardous for sea transport

IATA
Non-hazardous for air transport

15. REGULATORY INFORMATION

Not hazardous according to Directive 67/548/EC.

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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