
1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Trade name: **BIOTOOLS dNTPs Mix (10mM/25mM each) – dNTP/dUTP mix (10mM/30mM) – dATP, dCTP, dTTP, dGTP (10mM/100mM)**

Product Number: 20.031 – 20.037 – 20.038 – 20.051 – 10.052 – 10.053 – 20.039 – 20.054 – 20.055 – 20.131 – 20.132 – 20.133 – 20.134 – 20.135 – 20.136 – 20.137 – 20.138

Chemical Name: Not Applicable

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST.

Relevant identified uses: For research use only. Not for use in diagnostic procedures.

Uses advised against: Not for consumer use

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET.

Manufacturer / Supplier

Company: Biotoools, B & M Labs, S.A.

Valle de Tobalina – 52 – Nave 39

28021 Madrid

SPAIN

Tel: +34 91 710 00 74

Fax: +34 91 505 31 18

1.4 EMERGENCY NUMBER

Please contact Biotoools distributor in your country. Spain only: 91 562 04 20

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 LABEL ELEMENTS

Label elements

Hazard pictograms

None

Signal Word

None

Hazard Statements

Not Applicable

EU Specific Hazard Statements

Not Applicable

Precautionary Statements

Prevention

Not Applicable

Response

Not Applicable

Storage

Not Applicable

Disposal

Not Applicable

2.3 OTHER HAZARDS

None known

3.COMPOSITION OF THE PRODUCT/INFORMATION ON INGREDIENTS

3.1 SUBSTANCE

Not applicable

3.2 MIXTURE

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

*) A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Skin contact

Wash skin with water and soap and rinse thoroughly. Immediate medical attention is not required.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Inhalation

Not expected to be an inhalation hazard under anticipated conditions of normal use. Consult a physician if necessary.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No information available

4.3 INDICATION OF ANY IMMEDIATE ATTENTION AND SPECIAL TREATMENT NEEDED

No information available

5. FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical

Unsuitable extinguishing media

Not known

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Nature of decomposition products not known.

5.3 ADVICE FOR FIREFIGHTERS

Special protective equipment for firefighters

In the event of fire wear self-contained breathing apparatus. Standard procedure for chemical fires.

Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Advice for non-emergency personnel:

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment

Use personal protection equipment

See section 8 for more information.

Advice for emergency responders:

Protective equipment see section 8.

6.2 ENVIRONMENTAL PRECAUTIONS

No special environmental precautions required.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Soak up with inert absorbent material.

6.4 REFERENCE TO OTHER SECTIONS

See section 8 for more information.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Hygiene measures

Use personal protective equipment as required. No special handling advices are necessary

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions:

Tightly closed. Keep in properly labelled containers.

Recommended storage temperature see product label

7.3 SPECIFIC END USE(S)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Contains no substances with occupational exposure limit values.

8.2 EXPOSURE CONTROLS

None

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Individual protection measures

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities

of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Eye/face protection

Tightly fitting safety goggles

Use equipment for eye protection tested and approved under appropriate government standards

Hand protection

full contact:

Glove material: butyl-rubber
Glove thickness: 0,7 mm
Break through time: > 480 min

splash contact:

Glove material:butyl-rubber
Glove thickness:0,7 mm
Break through time:> 480 min

Other protective equipment

protective clothing

Respiratory protection

required when vapours/aerosols are generated.

Recommended Filter type: Filter A-(P2)

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Environmental exposure controls

No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid

Colour: Colorless

Odour: Odorless

Boiling point: no data available.

Flash point: no data available

Explosive properties: no data available

Vapor pressure: no data available

pH: no data available

9.2 OTHER DATA

No information available

10. STABILITY AND REACTIVITY

10.1 REACTIVITY

No data available

10.2 CHEMICAL STABILITY

Stable under normal handling and storage conditions

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No data available

10.4 CONDITIONS TO AVOID

No data available

10.5 INCOMPATIBLE MATERIALS

No dangerous reaction known under conditions of normal use

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

No data available

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

No data available

11.2 FURTHER INFORMATION

No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Handle in accordance with good industrial hygiene and safety practice

12. ECOLOGICAL INFORMATION

12.1 TOXICITY

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

12.2 PERSISTENCE AND DEGRADABILITY

No data available

12.3 BIOACCUMULATIVE POTENTIAL

No data available

12.4 MOBILITY IN SOIL

No information available.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

Substance(s) in the mixture do(es) not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII, or a PBT/vPvB assessment was not conducted.

12.6 OTHER ADVERSE EFFECTS

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

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

Further information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

15.2 CHEMICAL SAFETY ASSESSMENT

For this product a chemical safety assessment was not carried out.

16. OTHER INFORMATION

Training advice

Provide adequate information, instruction and training for operators.

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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