

# Safety data sheet

According to 1907/2006/EC, Article 31

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

- Trade name: **dNTPs (deoxyribonucleotides)**
- Article number: *RP61, RP63, RP64, RP65, RP665, RP675, RP675-25*
- Components: *dNTPs*

### 1.2 Relevant identified uses of the substance or mixture and uses advised against: *No data available.*

- Application of the substance / the preparation: *Laboratory reagents.*

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

- Manufacturer/supplier:

**BLIRT S.A.**

*Trzy Lipy 3/1.38*

*80-172 Gdansk*

*Poland*

*orders@blirt.eu*

*Tel. +48 58 739 61 50*

### 1.4 Emergency telephone number:

*+48 58 739 61 50 (Inside normal business hours)*

*112*

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008  
*Not a hazardous mixture according to Regulation (EC) No. 1272/2008.*

### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008  
*The mixture is not classified and labelled according to the CLP regulation.*
- Hazard pictograms: *Not applicable.*
- Signal word: *Not applicable.*
- Hazard-determining components of labelling: *Not applicable.*
- Hazard statements: *Not applicable*
- Precautionary statement(s): *Not applicable.*

### 2.3 Other hazards

*Not applicable.*

### 3 Composition/information on ingredients

- 3.2 Chemical characterization:** *Mixture.*  
– **Other information:** *Not significant.*

### 4 First aid measures

- 4.1 Description of first aid measures**  
– **General information:** *No special measures required.*  
– **After inhalation:** *Supply fresh air. In case of unconsciousness place patient stably in side position for transportation.*  
– **After skin contact:** *Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.*  
– **After eye contact:** *Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*  
– **After swallowing:** *Rinse out mouth. If symptoms persist consult doctor.*
- 4.2 Most important symptoms and effects, both acute and delayed:**  
*No further relevant information available.*
- 4.3 Indication of any immediate medical attention and special treatment needed:**  
*No further relevant information available.*

### 5 Firefighting measures

- 5.1 Extinguishing media**  
– **Suitable extinguishing agents:** *Water, CO<sub>2</sub>, foam, powder.*
- 5.2 Special hazards arising from the substance or mixture**  
– **Special hazard arising from the mixture:** *None known.*
- 5.3 Advise for firefighters**  
– **Protective equipment:** *Wear self-contained respiratory protective device.*

#### **Additional information**

*Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.*

### 6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:** *Avoid mixture contact.*
- 6.2 Environmental precautions:** *Do not allow to enter sewers/surface or ground water.*
- 6.3 Methods and material for containment and cleaning up:** *Pick up mechanically. Clean up affected area. Dispose of the material collected according to regulations.*
- 6.4 Reference to other sections:**  
*See section 7 for information on safe handling.*  
*See section 8 for information on personal equipment.*  
*See section 13 for disposal information.*

## 7 Handling and storage

- 7.1 **Precautions for safe handling:** *No special requirements.*
- **Information about fire – and explosion protection:** *The product is not flammable.*
- 7.2 **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** *No special requirements.*
  - **Information about storage in one common storage facility:** *Not required.*
  - **Further information about storage conditions:** *Keep container sealed.*
  - **Recommended storage temperature:** **-20°C**
  - **Storage class:** *10-13*
- 7.3 **Specific end use(s):** *No further relevant information available.*

## 8 Exposure controls/personal protection

- 8.1 **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** *Not required.*
  - **Additional information:** *The lists valid during the making were used as basis.*
- 8.2 **Exposure controls**
- **Personal protective equipment:**
    - **General protective and hygienic measures:** *The usual precautionary measures are to be adhered to when handling chemicals.*
    - **Respiratory protection:** *Not required.*
    - **Protection of hands:**

Protective gloves – *the glove material has to be impermeable and resistant to the product/the substance/the preparation.*

      - *Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation:*
    - **Material of gloves:** *the selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.*
    - **Penetration time of glove material:** *The exact break through time has to be observed.*
    - **For the permanent contact gloves made of the following materials are suitable:** *Nitrile rubber, NBR. Recommended thickness of the material  $\geq 0,11$  mm. Value for the permeation: Level  $\geq 480$  min.*
    - **Eye protection:** *Safety glasses.*
    - **Body protection:** *Protective work clothing. Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.*

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

– Appearance:

Form: *Liquid*.

### 9.2 Other information: *No further relevant information available.*

## 10 Stability and reactivity

### 10.1 Reactivity: *No data available.*

### 10.2 Chemical stability: *No data available.*

– **Thermal decomposition/conditions to be avoided:** *No decomposition if used according to specifications.*

### 10.3 Possibility of hazardous reaction: *No dangerous reactions known.*

### 10.4 Conditions to avoid: *No further relevant information available.*

### 10.5 Incompatible materials: *No further relevant information available.*

### 10.6 Hazardous decomposition product: *See chapter 5.*

## 11 Toxicological information

### 11.1 Information on toxicological effects

– Primary irritant effect:

• On the skin: *No irritant effect.*

• On the eye: *No irritant effect.*

– Sensitization: *No sensitizing effects known.*

## 12 Ecological information

### 12.1 Toxicity: *No data available.*

### 12.2 Persistence and degradability: *No further relevant information available.*

### 12.3 Bioaccumulative potential: *No further relevant information available.*

### 12.4 Mobility in soil: *No further relevant information available.*

### 12.5 Results of PBT and vPvB: *Not applicable.*

### 12.6 Other adverse effects: *No further relevant information available.*

## 13 Disposal considerations

### 13.1 Waste treatment methods

– **Recommendation:** *Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: Handling and Storage and Section 8: Exposure Control/Personal Protection for additional handling information and protection of employees.*

– **Uncleaned packaging (Recommendation):** *Disposal must be made according to official regulations.*

– **Recommended cleansing agents:** *Water, if necessary together with cleansing agents.*

## 14 Transport information

### 14.1 UN-Number:

- ADR, ADN, IMDG, IATA: *Not dangerous goods/not applicable.*

### 14.2 UN proper shipping name:

- ADR, ADN, IMDG, IATA: *Not dangerous goods/not applicable.*

### 14.3 Transport hazard class(es):

- ADR, ADN, IMDG, IATA *Not dangerous goods/not applicable.*
- Clasa: *Not dangerous goods/not applicable.*

### 14.4 Packing group:

- ADR, IMDG, IATA: *Not dangerous goods/not applicable.*

### 14.5 Environmental hazards:

- Marine pollutant: *No.*

### 14.6 Special precautions for users: *Not applicable.*

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: *Not applicable.*

- Transport/additional information: *Not dangerous according to the above specifications.*
- UN „Model Regulation“: *Not applicable.*

## 15 Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: *Not applicable.*

### 15.2 Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*