

# Safety data sheet

According to 1907/2006/EC, Article 31

Print date: 28.02.2018

Updated: 28.02.2018

Version 3



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

### 1.1 Product identifier

- Trade name: 2x PCR TaqNova-RED PCR Master Mix
- Article number: RP85T, RP85T-10, RP85T-S
- Components: 2xPCR TaqNova-RED PCR Master Mix, PCR-grade water

### 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

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### 1.1 Product identifier

– Trade name: 2xPCR TaqNova-RED PCR Master Mix, PCR-grade water

– Hazardous components: *None.*

### 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.*

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## 2. Hazards identification

### 2.1 Classification of the substance or mixture

– Classification according to Regulation (EC) No 1272/2008

*Not a hazardous substance or 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:** *Wash with water. 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. Fight larger fires with water spray or alcohol resistant foam.*
- 5.2 Special hazards arising from the substance or mixture**  
– **In case of fire, the following can be released:** *No further relevant information available.*
- 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 precautions are necessary if used correctly.*
- 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:** *Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.*

- **Respiratory protection:** *No further relevant information available.*

- **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 data available.*

• **On the eye:** *No data available.*

– **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:** *Chemicals must be disposed of in compliance with the respective national regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.*

– **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.*