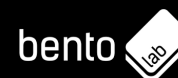


# PCR Beads Lyophilised Master Mix

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



## 1. Identification of the substance and of the company

Product name	PCR Beads, Lyophilised Master Mix 20 µl
Catalog Number	PCR-BEADS-20UL
Supplier Information	Bento Bioworks Ltd 5 Hancock Road London, E3 3DA United Kingdom
Emergency telephone number (CHEMTREC)	Within the USA & Canada: 1-800-424-9300 Outside the USA & Canada: 1-703-741-5970

## 2. Hazards identification

### Classification of the substance or mixture

*According to Regulation (EC) No. 1272/2008 (EU-GHS/CLP)*

The product contains no substances which are considered to be hazardous to health at their given concentration.

## 3. Composition / information on ingredients

*Hazardous ingredients according to Regulation (EC) No 1272/2008*

Component	-
CAS number	-
EIN / ECS number	-
Weight %	-
REACH registration number	-
Classification	-

## 4. First aid measures

<b>If inhaled</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
<b>If swallowed</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<b>In case of skin contact</b>	Wash off with soap and plenty of water.
<b>In case of eye contact</b>	Flush eyes with water as a precaution.
<b>Notes to physician</b>	Treat symptomatically.

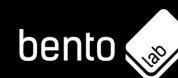
## 5. Firefighting measures

Extinguishing media	Dry chemical, CO <sub>2</sub> , water spray or alcohol resistant foam.
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Firefighting precautions                      Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## 6. Accidental release measures

Personal precautions                          Avoid dust formation.  
Environmental precautions                  Avoid discharge into drains whenever possible.  
Methods for cleaning up                      Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

Precautions for safe handling              Provide appropriate exhaust ventilation at places where dust is formed.  
Conditions for safe storage                  Store at ambient temperature in a dry and well-ventilated place.  
Specific end use(s)                              For research and educational use only.

## 8. Exposure controls/personal protection

### Personal protective equipment

Respiratory Protection                      Not required.  
Hand Protection                                Protective gloves for prolonged contact.  
Eye Protection                                  Protective safety glasses.  
Skin and Body Protection                    Appropriate protective clothing.  
Hygiene Measures                              Handle in accordance with good safety practice.

## 9. Physical and chemical properties

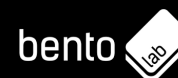
Appearance                                      White solid  
Odour    Odourless  
pH value    Undetermined  
Boiling point                                    Undetermined  
Melting point                                    Undetermined  
Flash point                                        Not applicable  
Autoignition                                    Not applicable  
Explosion hazard                                Not applicable  
Vapour pressure                                No information available  
Relative density                                No information available  
Water solubility                                No information available  
Other data                                         No other data

## 10. Stability and reactivity

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Chemical stability	Stable under normal conditions.
Hazardous reactions	Hazardous reaction has not been reported.
Conditions to avoid	No information available.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition	Hazardous decomposition products formed under fire conditions: carbon oxides, nitrogen oxides (NOx), oxides of phosphorus, lithium oxides.

## 11. Toxicological information

### Routes of Exposure

Acute toxicity	No data available
Irritation and corrosion	No data available
Sensitisation	No data available
Chronic exposure	No data available
Exposure Symptoms	Dermatitis

### Potential Health Effects

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.
Target Organs	Liver, Kidney

## 12. Ecological information

Ecotoxicity	No information available.
Degradability	No information available.
Accumulation	No information available.
Mobility	No information available.
Further information	No information available.

## 13. Disposal considerations

Waste treatment methods	Observe all federal, state, and local environmental regulations.
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## 14. Transport information

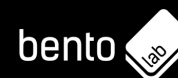
ADR/RID/ICAO/IATA class	This substance is considered to be non-hazardous for transport.
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## 15. Regulatory information

# PCR Beads Lyophilised Master Mix

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EU guidelines	This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.
US Federal Regulations	This product is not subject to regulations under US Toxic Substances Control Act (TSCA), and SARA 302/313/311/312.

## 16. Other Information

This information is based on available knowledge and shall be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Bento Bioworks Ltd is not held liable for any damage resulting from handling or from contact with the above mentioned products.

### References

ECHA	<a href="https://echa.europa.eu/">https://echa.europa.eu/</a>
TOXNET	<a href="https://www.nlm.nih.gov/toxnet/index.html">https://www.nlm.nih.gov/toxnet/index.html</a>
eChemPortal	<a href="https://www.echemportal.org/">https://www.echemportal.org/</a>