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**OXFORD**  
EXPRESSION  
TECHNOLOGIES

## Safety Data Sheet

### 1. PRODUCT INFORMATION

**Product name:** BacPAK6 Linearised DNA

**Product code:** 101101/101102/101103

**Company undertaking Identification:** Oxford Expression Technologies Ltd, BioInnovation Hub, Tonge Building, Gipsy Lane Campus, Oxford OX3 0BP, UK

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous/Non-hazardous Components

| Chemical Name                  | CAS-No | EINECS-No | Weight % |
|--------------------------------|--------|-----------|----------|
| Tris-EDTA buffer solution pH 8 | -      | -         | 99.95    |
| BacPAK6 Linearised DNA         | -      | -         | <0.1     |

Components not listed here are not hazardous or their concentrations do not exceed the limits specified in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview

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

#### Form

Liquid

#### Principal routes of exposure / Potential Health effects

**Eyes** No information available  
**Skin** No information available  
**Inhalation** No information available  
**Ingestion** No information available

#### Specific Effects

**Carcinogenic effects** No information available  
**Mutagenic effects** No information available

|                              |                          |
|------------------------------|--------------------------|
| <b>Reproductive toxicity</b> | No information available |
| <b>Sensitization</b>         | No information available |
| <b>Target organ effects</b>  | No information available |

#### HMIS

|                     |   |
|---------------------|---|
| <b>Health</b>       | 0 |
| <b>Flammability</b> | 0 |
| <b>Reactivity</b>   | 0 |

### 4. FIRST AID MEASURES

|                           |   |
|---------------------------|---|
| <b>Skin contact</b>       | Wash off immediately with plenty of water                               |
| <b>Eye contact</b>        | Wash thoroughly with water, also under eyelids                          |
| <b>Ingestion</b>          | No specific measure: never give anything by mouth to unconscious person |
| <b>Inhalation</b>         | No specific measure: move to fresh air                                  |
| <b>Notes to physician</b> | Treat symptomatically   |

### 5. FIRE FIGHTING MEASURES

|   |   |
|---|---|
| <b>Suitable extinguishing media</b>                   | Dry chemical  |
| <b>Special protective equipment for fire fighters</b> | Wear self-contained breathing apparatus and protective suit |

### 6. ACCIDENTAL RELEASE MEASURES

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Use standard personal protective equipment |
| <b>Methods for clean up</b> | Soak up with inert absorbent material      |

### 7. HANDLING AND STORAGE

|                 |   |
|-----------------|---|
| <b>Handling</b> | No special handling advice required         |
| <b>Storage</b>  | Keep in properly labelled containers at 4°C |

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Occupational exposure controls

|                             |   |
|-----------------------------|---|
| <b>Exposure limits</b>      | Unknown                                       |
| <b>Engineering measures</b> | Ensure adequate ventilation in confined areas |

#### Personal protective equipment

|                                 |   |
|---------------------------------|---|
| <b>Respiratory protection</b>   | Not required  |
| <b>Hand protection</b>          | Standard laboratory gloves  |
| <b>Eye protection</b>           | Safety glasses with side shields                                      |
| <b>Skin and body protection</b> | Lightweight protective laboratory coat                                |
| <b>Hygiene measures</b>         | Wash hands before leaving laboratory and other good hygiene practices |

**Environmental exposure controls** Prevent product from entering the drains by appropriate disposal into biohazard waste containers

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

**Form** Liquid

### Health & Safety and Environmental information

Boiling point/range data not known

Melting point/range data not known

Flashpoint data not known

Autoignition point data not known

Oxidising properties No data available

Water solubility No data available

## 10. STABILITY AND REACTIVITY

**Stability** Stable

**Materials to avoid** Data not known

**Hazardous decomposition products** Data not known

**Polymerisation** Hazardous polymerisation does not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

### Main routes of exposure / potential health effects

**Eyes** No information available

**Skin** No information available

**Inhalation** No information available

**Ingestion** No information available

### Specific Effects

**Carcinogenic effects** No information available

**Mutatgenic effects** No information available

**Reproductive toxicity** No information available

**Sensitization** No information available

**Target Organ Effects** No information available

## 12. ECOLOGICAL EFFECTS

**Ecotoxicity effects** No information available

|                        |                          |
|------------------------|--------------------------|
| <b>Mobility</b>        | No information available |
| <b>Biodegradation</b>  | Inherently biodegradable |
| <b>Bioaccumulation</b> | Does not occur           |

### 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. Normally by autoclave or incineration.

### 14. TRANSPORT CONSIDERATIONS

#### IATA

|                             |   |
|-----------------------------|---|
| <b>Proper shipping name</b> | Not classified as dangerous in the meaning of transport regulations |
| <b>Hazard class</b>         | No information available  |
| <b>Subsidiary class</b>     | No information available  |
| <b>Packing group</b>        | No information available  |
| <b>UN-No</b>                | No information available  |
| <b>RID/ADR</b>              | Non-hazardous for road transport                                    |
| <b>IMDG</b>                 | Non-hazardous for sea transport                                     |

### 15. REGULATORY INFORMATION

This product has been classified as compliant to Regulation (EC) No. 1272/2008 (CLP) (amending Council Directives 67/548/EEC and 1999/45/EC) and Regulation (EC) 1907/2006 (REACH) (last amended by Regulation (EC) 2015/830).

### 16. OTHER INFORMATION

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### END OF MATERIAL SAFETY DATA SHEET

Revised and updated January 2022