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# Safety Data Sheet

## 1. PRODUCT INFORMATION

**Product name:** pOET8.VE2 transfer plasmid

**Product code:** 200122

**Company undertaking Identification:** Oxford Expression Technologies Ltd, BioInnovation Hub, 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    |
| pOET8.VE2 Vector 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

### Classification

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 |
| Reproductive toxicity | No information available |
| Sensitization         | No information available |

|                      |                          |
|----------------------|--------------------------|
| Target organ effects | No information available |
|----------------------|--------------------------|

## HMIS

|              |   |
|--------------|---|
| Health       | 0 |
| Flammability | 0 |
| Reactivity   | 0 |

## 4. FIRST AID MEASURES

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

## 5. FIRE FIGHTING MEASURES

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

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

|          |                                      |
|----------|--------------------------------------|
| Handling | No special handling advice required  |
| Storage  | Keep in properly labelled containers |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure controls

|                      |                                               |
|----------------------|-----------------------------------------------|
| Exposure limits      | Unknown                                       |
| Engineering measures | Ensure adequate ventilation in confined areas |

### Personal protective equipment

|                                        |                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Respiratory protection</b>          | In case of inadequate ventilation wear suitable respiratory equipment                            |
| <b>Hand protection</b>                 | Protective gloves – standard laboratory type                                                     |
| <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                            |
| <b>Environmental exposure controls</b> | Prevent product from entering the drains by appropriate disposal into biohazard waste containers |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General information

|             |        |
|-------------|--------|
| <b>Form</b> | 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     | Soluble           |

## 10. STABILITY AND REACTIVITY

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| <b>Stability</b>                        | Stable                                  |
| <b>Materials to avoid</b>               | Data not known                          |
| <b>Hazardous decomposition products</b> | Data not known                          |
| <b>Polymerisation</b>                   | Hazardous polymerisation does not occur |

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

### Main routes of exposure / potential health effects

|                   |                          |
|-------------------|--------------------------|
| <b>Eyes</b>       | No information available |
| <b>Skin</b>       | No information available |
| <b>Inhalation</b> | No information available |
| <b>Ingestion</b>  | No information available |

### Specific Effects

|                              |                          |
|------------------------------|--------------------------|
| <b>Carcinogenic effects</b>  | No information available |
| <b>Mutagenic effects</b>     | No information available |
| <b>Reproductive toxicity</b> | No information available |
| <b>Sensitization</b>         | No information available |

|                             |                          |
|-----------------------------|--------------------------|
| <b>Target Organ Effects</b> | No information available |
|-----------------------------|--------------------------|

## 12. ECOLOGICAL EFFECTS

|                     |                          |
|---------------------|--------------------------|
| Ecotoxicity effects | No information available |
| Mobility            | No information available |
| Biodegradation      | Inherently biodegradable |
| Bioaccumulation     | Does not occur           |

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

## 14. TRANSPORT CONSIDERATIONS

### IATA

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

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