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## Material Safety Data Sheet

### 1. PRODUCT INFORMATION

**Product name:** pOET5 transfer plasmid  
**Product code:** 200106  
**Company undertaking Identification:** Oxford Expression Technologies Ltd, 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
pOET5 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

#### Principle 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

<b>Mutatgenic 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

#### 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

### 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>	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

**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	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>Mutatgenic 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
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## 12. ECOLOGICAL EFFECTS

<b>Ecotoxicity effects</b>	No information available
<b>Mobility</b>	No information available

**Biodegradation**  
**Bioaccumulation**

Inherently biodegradable  
Does not occur

**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations.

**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**

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