

# Material Safety Data Sheet

Revision Date: 30-April-2010

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code 200103

Product name pOET2™ transfer plasmid DNA

### Company/Undertaking Identification

OXFORD EXPRESSION TECHNOLOGIES LTD, OXFORD  
BROOKES UNIVERSITY, GYPSY LANE CAMPUS, OXFORD, OX3  
0BP, UK

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous/Non-hazardous Components

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

## 3. HAZARDS IDENTIFICATION

### Emergency Overview

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

### 3. HAZARDS IDENTIFICATION

**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**

**HMIS**

Health	0
Flammability	0
Reactivity	0

### 4. FIRST AID MEASURES

**Skin contact** Wash off immediately with plenty of water  
**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids  
**Ingestion** Never give anything by mouth to an unconscious person  
**Inhalation** Move to fresh air  
**Notes to physician** Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Dry chemical  
**Special protective equipment for firefighters** Wear self-contained breathing apparatus and protective suit

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Use personal protective equipment  
**Methods for cleaning 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

#### Engineering measures

Ensure adequate ventilation, especially in confined areas

### Personal protective equipment

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment

#### Hand protection

Protective gloves

#### Eye protection

Safety glasses with side-shields

#### Skin and body protection

Lightweight protective clothing.

#### Hygiene measures

Handle in accordance with good industrial hygiene and safety practice

#### Environmental exposure controls

Prevent product from entering drains

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information

#### Form

Liquid

### Important Health Safety and Environmental Information

Boiling point/range

°C No data available

°F No data available

Melting point/range

°C No data available

°F No data available

Flash point

°C No data available

°F No data available

Autoignition temperature

°C No data available

°F No data available

Oxidizing properties

No information available

Water solubility

No data available

## 10. STABILITY AND REACTIVITY

#### Stability

Stable

Materials to avoid

No information available

Hazardous decomposition products

No information available

Polymerization

Hazardous polymerisation does not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

### Principle 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

<b>Specific effects</b>	No information available
<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><u>Target Organ Effects</u></b>	No information available
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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity effects</b>	No information available
<b>Mobility</b>	No information available
<b>Biodegradation</b>	Inherently biodegradable
<b>Bioaccumulation</b>	Does not bioaccumulate

## 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

## 14. TRANSPORT INFORMATION

### 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 according to Directives 67/548/EEC and 1999/45/EC as determined by COMMISSION DIRECTIVE 2001/58/EC of 27 July 2001 (amending Directive 91/155/EEC) defining and laying down the detailed arrangements for the system of specific information relating to dangerous preparations in implementation of Article 14 of European Parliament and Council Directive 1999/45/EC and relating to dangerous substances in implementation of Article 27 of Council Directive 67/548/EEC (safety data sheets)

## 16. OTHER INFORMATION

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**End of Material Safety Data Sheet**