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Safety Data Sheet

1. PRODUCT INFORMATION

Product name: pOET2.1N/C_6xHis transfer plasmid

Product code: 2001031

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
pOET2.1N.C 6xHis 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

Respiratory protection	In case of inadequate ventilation wear suitable respiratory equipment
Hand protection	Protective gloves – standard laboratory type
Eye protection	Safety glasses with side shields
Skin and body protection	Lightweight protective laboratory coat
Hygiene measures	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

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
Mutagenic 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
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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