



Oxford Expression Technologies Ltd
BioInnovation Hub
Gipsy Lane
Oxford OX3 0BP UK

OXFORD
EXPRESSION
TECHNOLOGIES

t: +44 (0)1865 536808
e: info@oetltd.com

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, 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
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 at 4°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits	Unknown
Engineering measures	Ensure adequate ventilation in confined areas

Personal protective equipment

Respiratory protection	Not required
Hand protection	Standard laboratory gloves
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

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
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. Normally by autoclave or incineration.

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

This material is sold for research and development purposes only and is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material. The above information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since OET Ltd cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

END OF MATERIAL SAFETY DATA SHEET

Next review January 2025