



Oxford Expression Technologies Ltd
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OXFORD
EXPRESSION
TECHNOLOGIES

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Safety Data Sheet

1. PRODUCT INFORMATION

Product name: *flashBAC*TM ORIGINAL baculovirus DNA

Product code: 100150/100151/100152/100153/100154/100400/100401

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 |
| <i>flashBAC</i> TM 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

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END OF MATERIAL SAFETY DATA SHEET

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