



# Safety Data Sheet

(In accordance with COMMISSION REGULATION (EU) No 453/2010)

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product code** 100300,100301,100302,100303,100304,100400,100401,100714,100715,400100,  
**Product name** 400101,  
**Chemical Name REACH registration number** *flashBAC* ULTRA baculovirus DNA  
Not applicable  
No registration number is given yet for this substance / substances in this mixture since the annual import quantity is less than one tonnage per annum or the transition period for its registration according to Article 23 of REACH has not yet expired.

### Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses** For research use only.  
**Use Description Code** SU22 - Public domain (administration, education, entertainment, services, craftsmen), PROC15 - Use as a laboratory reagent, PC21 - Laboratory chemicals, SU24 Scientific research and development  
**Uses advised against** Not for consumer use

### Details of the supplier of the safety data sheet

#### Manufacturer/Supplier

Oxford Expression Technologies Ltd  
Bioinnovation Hub  
Gipsy Lane  
Oxford OX3 0BP UK  
t: +44 (0)1865 483236  
f: +44 (0)1865 483250

### Emergency

**Response:** 00 44 (0) 1865 483236

## SECTION 2. HAZARDS IDENTIFICATION

### Classification according to Regulation (EC) No 1272/2008 [CLP]

#### Physical hazards

Not Hazardous

#### Health hazards

Not Hazardous

#### Environmental Hazards

Not Hazardous

### Classification according to Directive 67/548/EEC or 1999/45/EC

Not Hazardous

#### Additional information

Not applicable

#### Label elements

### Labelling according to Regulation (EC) No 1272/2008 [CLP]

#### Hazard pictograms

No Pictogram

#### Signal word

None

#### Hazard statements

Not applicable

#### Precautionary Statements

Not applicable

#### Other Hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Chemical name	CAS-No	EINECS-No	Weight (%)
Tris-EDTA buffer pH 8	-	-	99.95
<i>flash</i> BAC ULTRA DNA	-	-	<0.1

## SECTION 4. FIRST AID MEASURES

### Description of 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

### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Not applicable.

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

None.

## SECTION 5. FIRE FIGHTING MEASURES

### Extinguishing media

<b>Suitable extinguishing media</b>	Dry chemical
<b>Unsuitable extinguishing media</b>	Not known
<b>Special protective equipment for fire fighters</b>	Wear self-contained breathing apparatus and protective suit

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Always wear or use recommended Personal Protective Equipment. See Section 8 for more detail.

### Environmental precautions

No special environmental precautions required. Avoid discharge into drains and waterways whenever possible

### Methods and material for containment and cleaning up

Soak up with inert absorbent material

### Reference to other sections

See section 8 for more information

## SECTION 7. HANDLING AND STORAGE

**Handling** No special handling advice required  
**Storage** Keep in properly labelled containers at 4°C

### Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

### Conditions for safe storage, including any incompatibilities

Keep in properly labelled containers at 4°C.

### Specific end use(s)

For research use only.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure controls

**Exposure limits** Contains no substances with occupational limit values

**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** No special environmental precautions required. Prevent product from entering the drains by appropriate disposal into biohazard waste containers

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	Liquid	
<b>Odour</b>	No data available	
<b>pH</b>	7.0 – 8.0	
<b>Melting point/melting range</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Boiling point/boiling range</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Flash point</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Autoignition temperature</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Decomposition temperature</b>	°C Mixture has not been tested	°F Mixture has not been tested
<b>Evaporation rate</b>	No data available	
<b>Flammability (solid, gas)</b>	No data available	
<b>Upper explosion limit</b>	Mixture has not been tested	
<b>Lower explosion limit</b>	Mixture has not been tested	
<b>Vapour pressure</b>	Mixture has not been tested	
<b>Relative density</b>	Mixture has not been tested	
<b>Specific gravity</b>	No data available	
<b>Solubility</b>	Mixture has not been tested	
<b>Partition coefficient: n-octanol/water</b>	No data available	
<b>Explosive properties</b>	Mixture has not been tested	

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	None known
<b>Chemical stability</b>	Stable under normal conditions
<b>Possibility of hazardous reactions</b>	Hazardous reaction has not been reported
<b>Conditions to Avoid</b>	No information available.
<b>Incompatible Materials</b>	No dangerous reaction known under normal use
<b>Hazardous decomposition products</b>	No data available

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

There is no evidence available indicating acute toxicity

### Principle routes of exposure, potential health effects

<b>Irritation</b>	Conclusive but not sufficient for classification
<b>Corrosivity</b>	Conclusive but not sufficient for classification
<b>Sensitisation</b>	Conclusive but not sufficient for classification
<b>STOT – Single exposure</b>	Conclusive but not sufficient for classification
<b>STOT – Repeated exposure</b>	Conclusive but not sufficient for classification
<b>Carcinogenicity</b>	Conclusive but not sufficient for classification
<b>Mutagenicity</b>	Conclusive but not sufficient for classification
<b>Reproductive toxicity</b>	Conclusive but not sufficient for classification

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

**Persistence and degradability** No information available

**Bioaccumulative potential** No information available

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be PBT or a vPvB

**Other adverse effects** No information available

## Section 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of according to approved disposal technique. Disposal of this product, its solutions or any of its by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

## SECTION 14. TRANSPORT INFORMATION

### **IATA/ADR/DOT-US/IMDG**

Not classified as dangerous in the meaning of transport regulations

**UN Number** Not applicable

**UN proper shipping name** Not applicable

**Transport hazard class(es)** Not applicable

**Packing group** Not applicable

**Environmental Hazards** Not applicable

**Special precautions for user** Not applicable

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

### **Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **Substances of Very High Concern**

None

#### **Restricted substances under EC 1907/2006, Annex XVII**

None

#### **Substances listed under Annex I of Regulation (EC) No 689/2008**

None

#### **Restricted substances under Annex V of Regulation (EC) No 689/2009**

None

#### **Substances under Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April on 2004 on persistent organic pollutants and amending Directive 79/117/EEC**

None

#### **Chemical Safety Assessment**

No chemical safety assessment has been carried out

## SECTION 16. OTHER INFORMATION

R-phrases) Not applicable

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP].

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgement. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the company 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 SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

**END OF SAFETY DATA SHEET**