



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 100500/100501/100502/100401/100716/100717
Product name *flash*BAC PRIME baculovirus DNA
Chemical Name Not applicable
REACH registration number 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
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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 DNA	-	-	<0.1

SECTION 4. FIRST AID MEASURES

Description of 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

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

Suitable extinguishing media	Dry chemical
Unsuitable extinguishing media	Not known
Special protective equipment for fire fighters	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

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

SECTION 10: STABILITY AND REACTIVITY

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

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitisation	Conclusive but not sufficient for classification
STOT – Single exposure	Conclusive but not sufficient for classification
STOT – Repeated exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	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.

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