

# SAFETY DATA SHEET

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<b>Revision Date</b>	05.February.2024
<b>Revision Number</b>	3

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifiers

Product name	DNA Booster
Product code	DBV-SK
Brand	GMExpression

### 1.2 Other means of identification

Plasmid Specific Media

### 1.3 Relevant identified uses and uses advised against

Identified uses:	For R&D use only.
Uses advised against:	This product should not be used for pharmaceutical, household or other uses.

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

Company:	General Molecular Expression Service Pty Ltd. LG21 Waite Building, Waite Road, SA 5064 AUSTRALIA
E-mail:	support@gmexpression.com

### 1.5 Emergency telephone

Emergency Phone	Company emergency call (24/7): +61 481 192 170
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## SECTION 2: Hazards identification

### 2.1 GHS Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

### 2.3 Other hazards - none

## SECTION 3: Composition/information on ingredients

### 3.1 Substance/Mixture: Mixture

### 3.2 Mixtures

No components need to be disclosed according to the applicable regulations.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### **General advice**

Consult a physician. Show this material safety data sheet to the doctor in attendance.

#### **In case of skin contact**

Rinse skin with soap and plenty of water. Immediate medical attention is not required.

#### **In case of eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### **If swallowed**

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

#### **Notes to Physician**

Treat symptomatically.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

### 5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.  
Not combustible.  
Ambient fire may liberate hazardous vapours.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 5.4 Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Avoid breathing dust. For personal protection see section 8.

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 **Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 **Reference to other sections**

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1 **Precautions for safe handling**

For precautions see section 2.2.

### 7.2 **Conditions for safe storage, including any incompatibilities** **Storage conditions**

#### **Store conditions**

Keep container tightly closed.

#### **Storage stability**

Recommended storage temperature  
2 - 8 °C

### 7.3 **Specific end use(s)**

Apart from the uses mentioned in section 1.3 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

### 8.1 **Control parameters**

#### **Ingredients with workplace control parameters**

We are not aware of any national exposure limit.

### 8.2 **Exposure controls**

#### **Appropriate engineering controls**

Change contaminated clothing. Wash hands after working with substance.

#### **Personal protective equipment**

##### **Eye/face protection**

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### **Skin protection**

Not required.

##### **Respiratory protection**

Not required.

##### **Control of environmental exposure**

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### 9.1 **Information on basic physical and chemical properties**

A) Physical state	Form: liquid
B) Colour	Dark brown/light yellow
C) Odour	No data available

D) Melting point/freezing point	No data available
E) Initial boiling point and boiling range	No data available
F) Flammability (solid, gas)	No data available
G) Upper/lower flammability or explosive limits	No data available
H) Flash point	No data available
I) Autoignition temperature	No data available
J) Decomposition temperature	No data available
K) PH	No data available
L) Viscosity	
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
M) Water solubility	No data available
N) Partition coefficient n-octanol/water:	No data available
O) Vapour pressure	No data available
P) Density	No data available
Relative density	No data available
Q) Relative vapour density	No data available
R) Particle characteristics	No data available
S) Explosive properties	No data available
T) Oxidizing properties	No data available

## 9.2 Other safety information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

In the event of fire: see section 5

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Mixture

#### Acute toxicity

Oral: No data available.

Dermal: No data available.  
Vapour: No data available.

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity -single exposure**

No data available

**Specific target organ toxicity -repeated exposure**

No data available

**Aspiration hazard**

No data available

**11.2 Additional Information**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Mixture**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Endocrine disrupting properties**

No data available

**12.7 Other adverse effects**

No data available

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Dispose of as unused product.

### 14.1 UN number

ADR/RID: - IMDG: - IATA-DGR: -

ADR/RID:	Not dangerous
IMDG:	Not dangerous
IATA-DGR:	Not dangerous

## ADR/RID: - IMDG: - IATA-DGR: -

## ADR/RID: - IMDG: - IATA-DGR: -

ADR/RID: no                      IMDG Marine pollutant: no                      IATA-DGR: no

Strong oxidizing agents

### Further information

Not classified as dangerous in the meaning of transport regulations.

### 15.1 Safety, health and environmental regulations/legislation

<b>DSL:</b>	All components of this product are on the Canadian DSL
<b>ENCS:</b>	On the inventory, or in compliance with the inventory
<b>ISHL:</b>	On the inventory, or in compliance with the inventory
<b>KECI:</b>	On the inventory, or in compliance with the inventory
<b>NZIoC:</b>	On the inventory, or in compliance with the inventory
<b>PICCS:</b>	On the inventory, or in compliance with the inventory

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