

# SAFETY DATA SHEET

**Creation Date** 01.December.2022  
**Revision Date** 05.January.2024  
**Revision Number** 3

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

### 1.1 Product identifiers

Product name Soy Peptone  
Product code GMNB-SOP103  
Brand GMExpression

### 1.2 Other means of identification

No data available

### 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

## SECTION 2: Hazards identification

### 2.1 GHS Classification

Not a hazardous substance or mixture.

### 2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

### 2.3 Other hazards - none

## SECTION 3: Composition/information on ingredients

### 3.1 Substance

CAS: 91079-46-8

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

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

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

Rinse skin with 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**

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

### 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**

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder.

#### **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.

Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire.

### 5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

### 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

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, and consult an expert.

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**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

**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 in a dry and well-ventilated place.

**Store class**

Storage class (TRGS 510): 11: Combustible Solids

**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**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls****Appropriate engineering controls**

Change contaminated clothing. Wash hands after working with substance.

**Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body Protection**

Impervious clothing.

**Respiratory protection**

Required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

**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                               | Powder             |
| B) Colour                                       | Beige              |
| 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                             | 2,200 g/l at 20 °C |
| 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                         | None               |

### 9.2 Other safety information

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

### 10.2 Chemical stability

Chemically stable under standard ambient conditions (room temperature).

### 10.3 Possibility of hazardous reactions

Hazardous reaction has not been reported

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

No dangerous reaction known under conditions of normal use.

**10.6 Hazardous decomposition products**

In the event of fire: see section 5

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

There is no evidence available indicating acute toxicity.

**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**

No data available

**SECTION 12: Ecological information****12.1 Toxicity**

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**

Not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Endocrine disrupting properties**

No data available

**12.7 Other adverse effects**

No data available



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