

## Safety data sheet

according to 1907/2006/EC, Article 31

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

#### 1.1 Product identifier

· Trade name: **BIOMIMESYS® Brain**

**1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.

· **Application of the substance / the preparation** : Preparation

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

· **Manufacturer/Supplier:**

HCS Pharma

250 rue Salvador Allende, 59120 LOOS

tel: +33(0)9 72 44 83 88

Mail: [hello@biomimesys.com](mailto:hello@biomimesys.com)

#### 1.4 Emergency telephone number:

France (ORFILA 24h/24) - Tel : +33 (0)1 45 42 59 59

Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24)

UK : +44 (0)-870-190-6777 (CARECHEM24)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008** : The product is not classified according to the CLP regulation.

#### 2.2 Label elements

· **Labelling according to Regulation (EC) No 1272/2008** Not classified as hazardous for transport

· **Hazard pictograms** Not classified as hazardous for transport

· **Signal word** Not classified as hazardous for transport

· **Hazard statements** Not classified as hazardous for transport

#### 2.3 Other hazards

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

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## SECTION 3: Composition/information on ingredients

### 3.2 Chemical characterisation: Mixtures

- **Description:** Mixture: consisting of the following components.
- **Dangerous components:** Not classified as hazardous for transport
- **Other components:**

CAS: 9067-32-7

SODIUM HYALURONATE

HUMAN TYPE IV COLLAGEN-SOLUTION



Eye Dam. 1, H318;



Skin Irrit. 2, H315

- **Additional information:** For the wording of the listed risk phrases, refer to section 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- **General information:** No special measures required.
- **After excessive inhalation:** Provide fresh air; consult a doctor in case of medical complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult a doctor.

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

No further relevant information available.

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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Suitable extinguishing agents:

- CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### 5.2 Special hazards arising from the substance or mixture: No further relevant information available.

### 5.3 Advice for firefighters

- **Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures : Not required.**

**6.2 Environmental precautions: Do not allow the product to enter sewers/ surface water or ground water.**

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 Reference to other sections :**

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

## SECTION 7: Exposure controls/personal protection

**7.1 Precautions for safe handling : No special measures required.**

· **Information about fire - and explosion protection:** No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** <8 °C

· **Information about storage in one common storage facility:** <8 °C

· **Further information about storage conditions:** None.

**7.3 Specific end use(s) :** No further relevant information available.

## SECTION 8: Handling and storage

· **Additional information about design of technical facilities:** No further data; see section 7.

**8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:**

The most current valid lists have been used as a basis for the production of this document.

**8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

· **Respiratory protection:** Not required.

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- **Protection of hands:** Not required.
- **Gloves material :**  
The selection of suitable gloves does not depend only on the material, but also on further marks of quality which may vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked before use.
- **Eye protection:** Goggles recommended during refilling

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### · General Information

#### · Appearance:

**Form:**

lyophilized  
According to product  
specification

**Colour:**

#### · Odour:

Characteristic

#### · Odour threshold:

Not determined.

#### · pH-value:

Not determined.

#### · Change in condition

#### · Melting point/Melting range:

Undetermined.

#### · Boiling point/Boiling range:

Undetermined.

#### · Flash point:

Not applicable.

#### · Flammability (solid, gaseous):

Not applicable.

#### · Ignition temperature:

Not applicable.  
Not

#### · Decomposition temperature:

determined.

#### · Self-igniting:

Product is not self igniting.

#### · Danger of explosion:

Product does not present an explosion hazard.

#### · Explosion limits:

**Lower:**

Not determined.

**Upper:**

Not determined

#### · Vapour pressure:

Not determined.

#### · Density:

Not determined.

#### · Relative density :

Not determined.

#### · Vapour density :

Not determined.

#### · Evaporation rate :

Not determined.

#### · Solubility in / Miscibility with water:

Insoluble.

#### · Segregation coefficient (n-octanol/water):

Not determined.

#### · Viscosity:

#### · Dynamic:

Not determined.

#### · Kinematic:

Not determined.

### 9.2 Other information : **No further relevant information available.**

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## SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications. **10.3 Possibility of hazardous reactions :** No dangerous reactions known.

**10.4 Conditions to avoid :** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects**

· **Acute toxicity**

· **Primary irritant effect:**

· **On the skin:** Based on available data, the classification criteria are not met.

· **On the eyes:** Based on available data, the classification criteria are not met.

· **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

**12.1 Toxicity**

· **Aquatic toxicity:** No further relevant information available.

**12.2 Persistence and degradability :** No further relevant information available.

**12.3 Bioaccumulative potential :** No further relevant information available.

**12.4 Mobility in soil:** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

**Trade name: BIOMIMESYS® Brain**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**12.6 Other adverse effects :** No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Recommendation:** Smaller quantities can be disposed of with household waste.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

### 14.1 UN-Number

- **ADR, ADN, IMDG, IATA** Not classified as hazardous for transport

### 14.2 UN proper shipping name

- **ADR, ADN, IMDG, IATA** Not classified as hazardous for transport

### 14.3 Transport hazard class(es)

- **ADR, IMDG, IATA**

· **Class**

Not classified as hazardous for transport

### 14.4 Packing group

- **ADR, IMDG, IATA**

Not classified as hazardous for transport

**14.5 Environmental hazards:** Not applicable.

**14.6 Special precautions for user** Not applicable.

### 14.7 Transport in bulk according to Annex II of

- **Marpol and the IBC Code** Not applicable.

- **UN "Model Regulation":** Not classified as hazardous for transport

## SECTION 15: Regulatory information

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

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IGHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative