BRAIN HEART INFUSION (PORCINE)

CAT. No. 300 MI-AC-906 Version 10 Date: 14/05/2021 According to NOM-018-STPS-2015:

SECTION I. MANUFACTER AND SUBSTANCE IDENTIFICATION

Substance name: Brain Heart Infusion (Porcine).	Manufacturer name: Biotecnica Internacional S.A. de C.V.	Emergency telephone: 951 512 80 04
Other ways of identification: Data not available.	Address: Artículo 123 no. 104, Col. Granjas y Huertos Brenamiel, San Jacinto Amilpas, Oax. Oaxaca, México. C.P. 68285	Technical telephone: 951 512 62 55 951 512 80 04
Use and restriction: Use in culture media, fermentation processes, cell cultures and other biotechnological applications.	Issued Date: 14/08/2008	Updated: 14/05/2021

SECTION II. HAZARD IDENTIFICATION

Classification of the substance or mixture:

This substance is not classified according to the GHS. It is not classified as hazardous according to ECHA in the REACH registers (EC Regulation No. 1907/2006). No hazardous ingredients according to OSHA 29 CFR 1910.1200.

Signal word, hazards statement and precautionary statements:

Pictograms.

It does not apply.

Signal words.

No signal word.

Other hazards that do not contribute to the classification:

Undetermined.

SECTION III. COMPOSITION/INFORMATION ABOUT COMPONENTS

Substance name: Brain Heart Infusion (Porcine).

UN number: Not applicable.

This product does not contain hazardous ingredients.

SECTION IV. FIRST AID

First aid procedures:
Inhalation: Provide fresh air.
In case of contact with eyes: Flush with water 2 or 3 minutes.
In case of contact with skin: Wash immediately with soap and water, rinsing well.
Ingestion: If swallowed, rinse mouth with water. Do not induce vomiting. Seek medical advice if necessary.

Most important symptoms and effects, both acute and chronic:
No further relevant information available.

Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

SECTION V. FIRE MEASURES

Extinguishing medias:
Water, appropriate foam, carbon dioxide (CO_2), dry chemical powder.

Special hazards arising from the substance:
Any organic powder can be potentially explosive if disbursed certain concentrations. Concentrations have not been determined for these procedures.

Special fire-fighting procedures:
Data not available.

Hazardous decomposition products:
Carbon monoxide. Carbon dioxide.

SECTION VI. MEASURES TO BE TAKEN IN CASE OF SPILL OR ACCIDENTAL LEAKAGE

Personal precautions:
Property precautions must be taken to minimize the direct contact with skin, eyes and respiratory tract.
Protective equipment:
See section VIII.
Emergency procedures:
Evacuate unnecessary personal.

Environmental precautions:
Do not let the product enter sewage system.

Cleaning procedures:
Sweep the product and put it in a bag. Avoid to the dust increase, ventilate the area, and wash the place of spill after to collect all the product. Also is recommended used a vacuum system.

SECTION VII. HANDLING AND STORAGE

Cautions for safe handling:
Do not breathe dust, avoid contact with skin and eyes. Wash your hands and exposed areas with mild soap and water after using the material.
Provide good ventilation in the handling area to prevent dust buildup.

Store conditions:
Store in a clean, cool and dry place.

Incompatibility:
Keep away from oxidizing substances, heat, flame, or sources of ignition.

SECTION VIII. EXPOSURE MEASURES/PERSONAL PROTECTION

Control parameters:
The occupational exposure limits are not available.

Technical controls:
No additional data. See Section VII.

Respiratory protection:
Wear masks under normal conditions of use, or NIOSH N95 (US) industrial respirator, type FFP1 (EN143) or equivalent, if a risk assessment considers it necessary.

Protective gloves:
It is not required under normal conditions of use or use Nitrile protective gloves that meet the European Union specification 89/686/EEC, the standard EN374 or equivalent if a risk assessment considers it necessary.

Eye protection:
Use safety glasses approved by ANSI Z87, EN166, or equivalent if a risk assessment considers it necessary.

Safety clothing:
Wear suitable protective clothing in accordance with good chemical hygiene practices.

SECTION IX. PHYSICAL AND CHEMICAL DATA

Appearance and odor: Fine yellow to light brown powder with a characteristic odor and no foreign particles.	**Relative density:** Not determined.
pH: 6.50 – 7.50	**Solubility in water:** 20 g/l
Melting Point / Freezing Point: Not determined.	**Partition coefficient n-octanol / water:** Not applicable.
Initial point and boiling range: Not determined.	**Spontaneous ignition temperature:** Not applicable.
Flammability point: Not determined.	**Decomposition temperature:** Not determined.
Evaporation rate: Not applicable.	**Viscosity at 40 ° C (mm2 / s):** Not applicable.
Flammability (solid, gas): Not determined.	**Average molecular weight:** 300.00 Da.
Vapor pressure (mmHg): Not applicable.	**Explosive properties:** Not determined.
Vapor density (air = 1): Not applicable.	**Loss in drying:** Maximum 6.00%.

SECTION X. STABILITY AND REACTIVITY

Reactivity:
Not established.

Chemical stability:
Stable under recommended storage conditions.

Possibility of hazardous reactions:
Not established.

Conditions to avoid:
Direct sunlight, source of ignition. Avoid humid or very warm places.

Incompatible materials:
Strong acids. Strong bases.

Hazardous decomposition products:
Fumes. Carbon monoxide. Carbon dioxide.

SECTION XI. TOXICOLOGICAL INFORMATION

Signs and symptoms of exposure:
It may cause irritation of the respiratory tract, skin and eyes. Risks are unlikely with proper handling, respecting safety practices.

Acute toxicity estimates:
Not Classified.

Specific toxicity in certain organs:
Not Classified.

Pathways of entry:	**Skin:** Information not available
	Eyes: Information not available
	Inhalation: Information not available
	Ingestion: Information not available

Carcinogenicity: Not listed in the NTP report	**IARC monographs:** Not listed.	**OSHA 1910.1002:** Not listed.

Interactive effects: Data not available.

SECTION XII. ECOTOXICOLOGICAL INFORMATION

Toxicity: This product is not hazardous to the environment according to US regulations.
Persistence and Biodegradability: Information not available.
Bioaccumulation potential: Information not available.
Mobility on the ground: Information not available.
PBT and vPvB: The substance does not meet the criteria to be identified as PBT substance or vPvB according to Annex XIII of the REACH regulation.
Other adverse effects: Has not been evaluated.

SECTION XIII. INFORMATION RELATING TO THE DISPOSAL OF THE PRODUCTS

Contact a licensed professional waste disposal service to dispose of this material. Avoid release to the environment or enter the sewage system. Check all local environmental regulations, estate and federal. See section VIII.

SECTION XIV. INFORMATION CONCERNING TRANSPORTATION

UN Number:
Not Applicable.

Official Transport Designation of UN:
Not Applicable.

Hazards in transportation:
Not Applicable.

IATA:
Non-Hazardous for Air Transportation.

ADR/RID:
Non-Hazardous for Road Transportation.

IMDG:
Non-Hazardous for Sea Transportation.

Environmental Risks:
Have not been thoroughly investigated, but currently none have been identified

Special Precautions for Users:
Not Classified.

Transport in Bulk According to Annex II of Marpol 73/78 and the IBC Code:
Not Classified.

SECTION XV. REGULATORY INFORMATION

Not applicable.

SECTION XVI. OTHER INFORMATION

The information is considered correct but is not exhaustive and will be used only as guidance, which is based on the current knowledge of the chemical or mixture and is applicable to the appropriate safety precautions for the product.

Abbreviations or acronyms:

EC: European Inventory of Existing Chemical Substances.

UN Number: Number of four digits used to identify hazardous substances or materials.

NIOSH: National Institute of Occupational Safety and Health of the United States.

FFP1: Level of protection of a mask according to the European standard EN 14.

IN: European Standard.

ANSI: American National Standards Institute.

NTP: National Toxicology Program of the United States.

IARC: International Agency for Research on Cancer.

OSHA: Occupational Safety and Health Administration in the United States.

PBT: Persistent, Bioaccumulative and Toxic.

VPvB: Very persistent and very Bioaccumulable.

REACH: Registration, Evaluation, and Authorization and Restriction of Chemical substances of the European community.

IATA: International Air Transport Association.

ADR / RID: European Agreement on the International Carriage of Dangerous Goods by Road / European Agreement on the International Carriage of Dangerous Goods by Rail.

IMDG: International Maritime Dangerous Goods Code.

MARPOL: International Convention for the Prevention of Pollution from Ships.

CIQ: International Code of Chemotherapy.

ECHA: European Chemicals Agency for Chemical Substances and Mixtures.

TSCA: Toxic Substances Control Act Chemical Substance Inventory contains all existing chemical substances manufactured, processed,

or imported into the United States.

GHS: Globally Harmonized System.