



Global partner in ginseng

Rietven 157
5464 PJ Veghel
The Netherlands
tel : +31(0)413-355361
e-mail: info@benseng.nl

website: www.benseng.nl
KvK Oost Brabant: 17178837
BIC/SWIFT: RABONL2U
IBAN: NL42RABO0108451313
BTW nr: NL8144.54.756.B.01

GENERAL SPECIFICATION

Brazilian ginseng root powder

BRGWPnn

General Information			
Productcode	BRGWPnn	Quality assurance:	LOW
Batch code	AG...		92704
Best before		
Substance	Brazilian ginseng root powder		
Species / Scientific name	Pfaffia paniculata / Hebanthe eriantha		
Plant part used / Identification	Roots		
Appearance	Beige brownish coloured powder		
Flavor / Aroma	Vanilla like flavor and quite bitter taste	<i>Taric custom code:</i> 1211 9086 90	
Country of Origin	Brazil		

Analyses	Specification	Results
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Composition specification		
Cultivation	cultivated	
Identification	corresponds	

Physical Property		
Particle Size	≤ 1 mm	
Impurities	≤ 2%	

Chemical Property		
Genetic changes	no	
Radioactive contamination	no	
Pesticides residues	Conform Reg. 396/2005 CE*	
Lead (Pb)	≤ 3 ppm*	
Cadmium (Cd)	≤ 1 ppm*	
Mercury (Hg)	≤ 0,1 ppm*	

Microbiological Tests		
Micro-organisms	Ph.Eur. 8.0: 5.1.8. cat.A*	
Aflatoxin B1	≤ 2.0 ppb*	
Sum of Aflatoxins B/G	≤ 4.0 ppb*	
Desinfection method: CO2	no	

Typical nutritional values (per 100 grams)			
Energy (kJ)	?	Total proteins (%)	?
Total carbohydrates (%)	?	Sugar (%)	?
Fat (%)	?	Dietary fibers (%)	?
Saturated Fat (%)	?	Sodium (%)	?

Directions for use	See: https://www.benseng.com/product/product-braziliaanse-ginseng-en.php
Statement	For further processing purposes. Allergens free according EU Reg. 1169/2011, but might contain traces some allergens due to presence in same warehouse.. Product complies Ph. Eur. 8.0. Pesticides only controlled by random re-testing. Our EU-supplier is GMP certified.
Storage	Store in a cool dry place, avoiding sunlight directly
Shelf Life	At least 3 years when stored properly.
Standard packaging	Food grade polyethylene bags in cardboard box or drum

*=only controlled by random re-testing

cfu= colony forming units

ppm/ppb = parts per million/billion

n.d. = not detectable

As stated by our supplier

The manufacturer/supplier of this product or ingredient is carefully selected according HACCP-principles. Nevertheless this data is purely informative and does not absolve you of the need to check the goods for (specific) use yourself. You remain fully and at all times responsible for the product, the purpose for or in which it is used and the possible consequences in which it can result. Under no circumstances Benseng International BV can be held responsible for the application of it's products in violation with existing regulations and/or licenses. Except per contractual agreement, this data sheet is subject to change without prior notice. Benseng International BV's policy is to prevent any genetic modification of it's products or their ingredients. Copyright © 2022 Benseng International BV, Veghel, The Netherlands.

STATEMENTS

Brazilian ginseng root powder

NANOMATERIAL

This product does not contain nanomaterials as defined by Regulation (EC) N° 1169/2011.

NON IRRADIATION

This raw material or one of its ingredients has not been irradiated or ionised according to Directive N° 1999/2/CE.

BSE-TSE

This product is BSE/TSE free according regulation (CE) 220/2009.

GENETICALLY MODIFIED ORGANISMS – GMO

This ingredient is compliant in all respects with the Regulations N°1829/2003/EC and N°1830/2003/EC where applicable.

ALLERGENS

This ingredient does not contain substances or products causing allergies or intolerances according Regulation (EU) N° 1169/2011, but might contain traces of the following allergens due to presence in same warehouse: wheat, barley,oats, almonds, walnut shells, brazil nuts, pistachio, celery, mustard, sesame.

PRODUCT SOURCE

This ingredient is manufactured from herbal material, so has vegetable origin.

No animal containing ingredients are used in any part of the manufacturing process according Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

VEGETARIANS/VEGANS:

This product is suitable for Vegetarians, because: "it is free of all animals and fish products and derivatives thereof, except maybe for honey, egg, milk and milk products". It is also suitable for Vegans, because: "no products are issued from animals, including honey, egg, milk, and milk products".

ANIMAL TESTING

This product has not been the subject of animal testing according EU Cosmetic Regulation (EC/1223/2009) . Known toxicity studies on animals might have been carried out by others before Regulation EC/1223/2009 came into action or outside the region of this Regulation's influence.

PACKAGING

The original packaging material is approved as food grade according (EC) regulation 1935/2004, 10/2011 and 1282/2011.

HAZARDS IDENTIFICATION

- Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

This substance is not classified as dangerous according to Directive 67/548/EEC.

- Label elements

The product does not need to be labelled in accordance with Regulation (EC) No 1272/2008 [CLP].

IMPORT & EXPORT

This substance is not listed in the Annex I of Dangerous Chemicals (Regulation (EC) No 649/2012).

RISK ASSESMENT

This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

DOPING LIST

Suma root is banned for competitive use by The World Anti-Doping Agency (WADA) due to the Ecdysterone content even though it as a completely naturally occurring compound. This means that it is banned only because it mimics some steroids in testing and not because it is harmful in any way.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall supplier be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if supplier has been advised of the possibility of such damages.

ALLERGENS DECLARATION

Brazilian ginseng root powder

SUBSTANCES OR PRODUCTS CAUSING ALLERGIES OR INTOLERANCES

According Regulation (EU) N° 1169/2011 as regards indication of ingredients present in foodstuffs

Herewith supplier confirms, that all vegetable raw materials, raw materials which are only obtainable in pharmacies and vegetable raw material of organic cultivation (according to suppliers handbook/list) are pure natural products. They only will be cutted and/or milled and so they are free of allergen additives in the sence of the EU-guidelines 2007/68EG or 1169/2011EG.

Regardless of this, please note, that all above mentioned product groups in their characteristics as plant parts respectively as components dispose of an allergen potential. The strength of this depends on the allergic reaction which the end consumer shows for a certain plant.

In general, an unwittingly contamination with allergens and additives can not quite be excluded for all treatment steps despite of a careful and exhaustive procedure/approach method. Because of that, the warranty for the non-attendance of allergens and additives can not be assumed by supplier.

Supplier by their own has got the following "allergens" on stock (according to EU Regulation 1169/2011, annex II):
wheat, barley, oats,
almonds, walnut shells, brazil nuts, pistachio,
celery, mustard, sesame.

GMO STATEMENT

Brazilian ginseng root powder

Referring to regulation (EG) No. 1829/2003 of 22.09.03 on genetically modified food and feed and regulation (EG) No. 1830/2003 of 22.09.03 concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms (both published in OJL 268 of 18.10.03), supplier does, as a matter of course, check whether their products might possibly be subject to the requirements laid down in the g.m. legislation.

According to currently available information, supplier is convinced to the best of their knowledge and belief, that their products do not fall under the scope of the two above mentioned regulations, i.e. have not been produced of genetically modified organisms nor contain genetically modified substances.

However, owing to fundamental considerations, this statement cannot be understood to imply an explicit assurance of a particular characteristic or property.

BSE-TSE STATEMENT

Brazilian ginseng root powder

Supplier herewith confirms, that the articles delivered by them, are free of BSE as well as TSE.

They do not contain any TSE/BSE agents and were not in contact with the animal origin materials that could convey TSE/BSE, and there is no risk of conveying this two diseases.

The information contained in this document is to the best of suppliers knowledge and correct and accurate.

As stated by our supplier

MATERIAL SAFETY DATA SHEET (MSDS)

Brazilian ginseng root powder

Section 1: Chemical Product and Company identification

Product name: Brazilian ginseng root powder	Supplier of MSDS: Benseng International BV Rietven 157 5464 PJ Veghel, The Netherlands
CAS Number : not available	
ESIS EC# (EINECS) : not available	
Synonyms: Hebanthe paniculata, Gomphrena paniculata, G. eriantha, Iresine erianthos, I. paniculata, I. tenuis, Pfaffia eriantha, Xeraea paniculata, Para todo, Suma, Corango-acu.	
Chemical name: Harpagophytum procumbens	Emergency phone: +31-413-355361
Chemical formula: not applicable	
REACH: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.	
Proposed uses: Food supplements, cosmetics, further processing Check for legal status the appropriate authorities in country of intended use.	

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS#	% by Weight
Brazilian ginseng root powder	-	100%

Toxicological Data on Ingredients:

Toxicity studies with humans indicated no toxicity at an oral dosage of 1.5 g of the root.

Section 3: Hazards Identification

Potential acute health effects: slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: See section 11. MUTAGENIC EFFECTS: See section 11. TERATOGENIC EFFECTS: See section 11.

DEVELOPMENTAL TOXICITY: See section 11. Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: No data available.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: No data available.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: No data available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: No data available.

Flash Points: No data available.

Flammable Limits: No data available.

Products of Combustion: No data available.

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: No data available.

Risks of explosion of the product in presence of static discharge: No data available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: No data available.

Special Remarks on Explosion Hazards: No data available.

Section 6: Accidental Release Measures

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Specific end use(s):

Apart from the uses mentioned in section 1 no other specific uses are stipulated

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Powdered solid.)

Odor: Vanilla like flavor

Taste: quite bitter taste

Molecular Weight: No data available.

Color: beige brownish

pH (1% soln/water): No data available.

Boiling Point: No data available.

Melting Point: No data available.

Critical Temperature: No data available.

Specific Gravity: No data available.

Vapor Pressure: Not applicable.

Vapor Density: No data available.

Volatility: No data available.

Odor Threshold: No data available.

Water/Oil Dist. Coeff.: No data available.

Ionicity (in Water): No data available.

Dispersion Properties: No data available.

Solubility: Not applicable

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: No data available.

Conditions of Instability: Heat

Incompatibility with various substances: No data available.

Corrosivity: No data available.

Special Remarks on Reactivity: No data available.

Special Remarks on Corrosivity: No data available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Information on toxicological effects (source: ECHA 2022):

Toxicity to Animals (also see section 2.):

Acute Toxicity: oral:

No data available.

Acute Toxicity: inhalation:

No data available.

Acute Toxicity: dermal:

No data available.

Acute Toxicity: other routes:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/eye irritation:

No data available.

Respiratory or skin sensitisation:

No data available.

Repeated dose toxicity: oral:

No data available.

Repeated dose toxicity: inhalation:

No data available.

Repeated dose toxicity: dermal:

No data available.

Repeated dose toxicity: other routes:

No data available.

Germ cell mutagenicity:

Genetic toxicity: in vitro:

No data available.

Genetic toxicity: in vivo:

No data available.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Toxicity to reproduction:

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.

Chronic Effects on Humans:

No data available.

Potential health effects:

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Other Toxic Effects on Humans:

Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion.

Additional Information:

Exposure Limits There is a blanket recommendation of 10 mg/m3 for inspirable dusts or mists when limits have not otherwise been established.

RTECS: Not available

Special remarks:

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

Section 12: Ecological Information

Ecotoxicity (source: ECHA 2022):

Aquatic toxicity:

Short-term toxicity to fish:

No data available.

Long-term toxicity to fish:

No data available.

Short-term toxicity to aquatic invertebrates:

No data available.

Long-term toxicity to aquatic invertebrates:

No data available.

Toxicity to aquatic algae and cyanobacteria:

No data available.

Toxicity to microorganisms:

No data available.

Toxicity to other aquatic organisms:

No data available.

Terrestrial toxicity:

Toxicity to soil macroorganisms except arthropods:

No data available.

Toxicity to terrestrial arthropods:

No data available.

Toxicity to terrestrial plants:

No data available.

Toxicity to soil microorganisms:

No data available.

Toxicity to birds:

No data available.

Persistence and degradability:
Low persistence level and readily biodegradable.
Bioaccumulative potential:
None established.
Mobility in soil:
Low mobility in the soil.
Results of PBT and vPvB assessment:
PBT/vPvB assessment not available as chemical safety assessment not required / not conducted.
Other adverse effects
No data available

Section 13: Disposal Considerations

Waste treatment methods
Waste Disposal Method: Chemical additions, processing or otherwise altering this material may make waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from Federal laws and regulations. Consult any regional local authority requirements regarding the proper disposal of this material.
Hazardous Waste: To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EC.
Container Handling and Disposal: Rinse containers before disposal.
Contaminated packaging: Dispose of as unused product.

Section 14: Transport Information

UN-Number:	ADR/RID:	-
	IMDG:	-
	IATA:	-
UN proper shipping name:	ADR/RID:	Not dangerous goods.
	IMDG:	Not dangerous goods.
	IATA:	Not dangerous goods.
Transport hazard class(es):	ADR/RID:	-
	IMDG:	-
	IATA:	-
Packing group:	ADR/RID:	-
	IMDG:	-
	IATA:	-
Environmental hazards:	ADR/RID:	no
	IMDG:	no
	IATA:	no

Special precautions for user: No special precautions needed.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: No data available.

Section 15: Other Regulatory Information

Federal and State Regulations: No products were found.
Other Regulations: Not available.
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada).
DSCL (EEC):
This product is not classified according to the EU regulations. Not applicable.
HMIS (U.S.A.):
Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: E
National Fire Protection Association (U.S.A.):
Health: 1
Flammability: 1
Reactivity: 0
Specific hazard:
Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Safety glasses.

Section 16: Other information

GHS Classification and labelling information ECHA

Classification of the substance or mixture:

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

Label elements:

The product does not need to be labelled in accordance with Regulation (EC) No 1272/2008 [CLP] -> **self classification:**

Hazard Symbol / pictogram:	not applicable
Signal word:	not applicable
Hazard Statement:	not applicable
Precautionary statement:	not applicable

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall supplier be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if supplier has been advised of the possibility of such damages.

Abbreviations and acronyms:	
ADN	EU Agreement concerning International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EINECS	European Inventory of Existing Commercial Chemical Substances
EN	European Standard
EUH statement	CLP-specific Hazard statement
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Reg.(EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
RRN	REACH Registration Number
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class