



CUPUAÇU VIRGIN BUTTER

| | |
|--|---------------------------------|
| Scientific name: <i>Theobroma grandiflorum</i> | |
| Source of Raw Material: Amazonian Rainforest / Brazil | |
| Part Used of the plant: Seed | |
| Production Process: Cold Extraction | |
| Preservatives: Absent | |
| Solvent Extraction: Absent | Traceability: guaranteed |
| Origin of the Vegetable Drugs: Wild crafted | |

| ITEM | UNIT | SPECIFICATION RANGE | TEST METHOD | ANALYTICAL RESULTS |
|--|------------------------|---------------------|------------------|--------------------|
| PHYSICOCHEMICAL ANALYSIS | | | | |
| Appearance (25°C) | ---- | Solid | Organoleptic | In accordance |
| Color | ---- | White to beige | Organoleptic | In accordance |
| Odor | ---- | Characteristic | Organoleptic | In accordance |
| Acid value | mg KOH/g | < 20,0 | AOCS CD3D - 63 | 4,1 |
| Peroxide value | meq O ₂ /Kg | < 15,0 | AOCS CD8 – 53 | 1,8 |
| Iodine value | gI ₂ /100g | 40 - 50 | AOCS TG2A – 64 | 46 |
| Saponification value | mg KOH/g | 180 - 200 | AOCS CD3 - 25 | 185 |
| Density (25°C) | g/mL | 0,919 – 0,949 | AOCS CC 10C - 95 | 0,932 |
| Unsaponifiable matter (bioactives) | % | 2 - 3 | AOCS CA 6A - 40 | In accordance |
| Melting point | °C | 25 - 35 | AOCS CC 1 - 25 | In accordance |
| MICROBIOLOGICAL ANALYSIS | | | | |
| Total bacteria | cfu/mL | < 10 ³ | NF ISO 4833 | Absent |
| Fungi and Yeasts | cfu/mL | < 2x10 ² | NF V 08-036 | Absent |
| RESULTS: (X) APPROVED () DISAPPROVED | | | | |

SAFETY HEALTH: product harmless, for cosmetic use only, not suited for human consumption

STORAGE: should be stored tightly sealed, protected from light and heat.

Ekokoza s.r.o.
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ALLERGEN FREE CERTIFICATE

PRODUCT: Cupuaçu Butter (virgin cold pressed)

7th Amendment to the European Cosmetics Directive 2003/15/EC of 27 February 2003

The 26 substances identified as potential allergens must appear clear in the list of ingredients of a finished product, when their concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

| Substance (INCI name) | CAS number | Presence | Max. Concentration |
|--|-------------|----------|--------------------|
| Amyl cinnamal | 122-40-7 | No | Absent |
| Benzyl alcohol | 100-51-6 | No | Absent |
| Cinnamyl alcohol | 104-54-1 | No | Absent |
| Citral | 5392-40-5 | No | Absent |
| Eugenol | 97-53-0 | No | Absent |
| Hydroxy-citronellal | 107-75-5 | No | Absent |
| Isoeugenol | 97-54-1 | No | Absent |
| Amylcin-namyl-alcohol | 101-85-9 | No | Absent |
| Benzyl salicylate | 118-58-1 | No | Absent |
| Cinnamal | 104-55-2 | No | Absent |
| Coumarin | 91-64-5 | No | Absent |
| Geraniol | 106-24-1 | No | Absent |
| <i>Hydroxy-methylpentylcyclohexenecarboxaldehyd</i> | 31906-04-4 | No | Absent |
| Anisyl alcohol | 105-13-5 | No | Absent |
| Benzyl cinnamate | 103-41-3 | No | Absent |
| Farnesol | 4602-84-0 | No | Absent |
| <i>2-(4-tert-Butylbenzyl) propionald-hyd</i> | 80-54-6 | No | Absent |
| Linalool | 78-70-6 | No | Absent |
| Benzyl benzoate | 120-51-4 | No | Absent |
| Citronellol | 106-22-9 | No | Absent |
| <i>Hexyl cinnam-aldehyd</i> | 101-86-0 | No | Absent |
| <i>d-Limonene</i> | 5989-27-5 | No | Absent |
| <i>Methyl heptin carbonate</i> | 111-12-6 | No | Absent |
| <i>3-Methyl-4-(2,6,6-tri-methyl-2-cyclohexen-1-yl)-3-buten-2-one</i> | 127-51-5 | No | Absent |
| Oak moss extract (Evernia prunastri) | 90028-68-5 | No | Absent |
| Treemoss extract (Evernia furfuracea) | 900028-67-4 | No | Absent |

On the basis of our best knowledge, the company Ekokoza s.r.o. concludes that there are no presence of any allergenic substance in its product.

29th August 2021



DECLARATION FOR CMR SUBSTANCES

WE HEREBY CERTIFY THAT THE CUPUAÇU BUTTER DOES NOT CONTAIN ANY KIND OF CARCINOGENIC, MUTAGENIC AND REPROTOXIC SUBSTANCES OF CATEGORY 1, 2 OR 3 ACCORDING TO REGULATION (CE) No. 1272/2008..

29th November 2021



FLOWCHART FOR THE PROCESSING OF COLD PRESSED CUPUAÇU SEED BUTTER

Ingredients: CUPUAÇU SEEDS 100%

RECEPTION OF 100% CUPUAÇU SEEDS AND REGISTRATION OF ORIGIN at the processing site in Ananindeua/Pará, North Brazil

VERIFICATION OF SEED QUALITY

DRYING OF THE SEEDS (< 60°C)

COLD PRESSING

FILTERING BY USING FILTER PRESS.

STORAGE OF CUPUAÇU SEED BUTTER IN CLOSED CONTAINER

11/01/18



TSE/BSE/GMO STATEMENT **for** **Virgin Cupuaçu Butter (*Theobroma grandiflorum*)**

Cupuaçu butter oil is manufactured from sterilized seeds and does not contain any substances derived from animal origin. Moreover this product is not derived from specific risk material as defined in European Commission Decision 97/534/EC. The manufacturing process does not use any ingredient of animal origin or does come in contact with animal products during storage and transportation.

We further declare that our cupuaçu butter is Dioxin Free. The manufactured cupuaçu butter is free from Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE) and is not derived from Genetically Modified Organisms (GMO).

29th November 2021



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|------------------------|---|
| Product: | VIRGIN CUPUAÇU BUTTER (<i>Theobroma grandiflorum</i>) |
| Product ID: | BUTCUPU |
| Production process: | Cold extraction |
| Origin: | Amazonian Rainforest, agroforestry systems |
| Product use: | Personal Care Formulations |
| Manufacture's name: | Ekokoza s.r.o., IČ:07508247, |
| Manufacture's address: | Fryčovice 297, 73945 Fryčovice, e shop@ekokoza.cz, +420605779993 |
| Emergency Telephone: | Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/ denně) Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2) |
| | |

5th of February 2021

SECTION 2 – HAZARDOUS IDENTIFICATION

Classification according to EC regulation 1272/2008 (CLP):

This substance is not classified as hazardous according to regulation (EC) 1272/2008 [CLP].

Classification according to Directive 67/548/EEC or 1999/45/EC

This preparation is not classified as dangerous according to 1999/45/EC.

GHS LABEL ELEMENTS

Classification according to EC regulation 1272/2008 (CLP):

| | |
|--|---|
| Signal word: | Not applicable |
| 2.1. Hazard Pictograms | Not applicable |
| 2.2. Hazard Statements | Not applicable |
| 2.3. Safety Precautions | |
| 2.3.1. General Precautionary statements | P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P103: Read label before use |
| 2.3.2. Prevention precautionary statements | P261: Avoid breathing dust/fume/gas/mist/vapors/spray. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves. P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor/ according to your area. P302 + P352: IF ON SKIN: Wash with plenty of water and soap P302: Call a POISON CENTER or doctor/physician if you feel unwell P331: Do NOT induce vomiting. P321: Specific treatment – see on this label P330: Rinse mouth P333 + P313: If skin irritation or rash occurs: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse. P405: Store locked up. |

Ekokoza s.r.o.

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| | |
|---|---|
| | P501: Dispose of contents/container in accordance with local/ regional/ national/ international regulations |
| Labelling (67/548/EEC or 1999/45/EC) | |
| 2.1. Hazard Symbol | Not applicable |
| 2.2. Risk Phrases | Not applicable |
| 2.3. Safety Phrases | S02 - Keep out of the reach of children. S23 - Do not breathe gas/fumes/vapor/spray (appropriate wording to be specified by the manufacturer). S37- Wear suitable gloves. S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label |

SECTION 3 – COMPOSITION /INGREDIENT INFORMATION

| | |
|------------------------------------|---|
| Substance or mixture: | Substance |
| Ingredients: | Cupuaçu seeds |
| INCI name | <i>Theobroma grandiflorum</i> seed butter |
| Hazardous Components: | Not a hazardous material under the Department of Labor definitions. Is Generally Recognized As Safe (GRAS) under the Food, Drug and Cosmetic Act According to Classification 1999/45/EC not classified as hazardous According to Classification 1272/2208 not classified as hazardous |
| REACH status (EC 1907/2006) | This product is according to Annex 5, §9 exempted from the registration |
| CAS #: | 394236-97-6 |
| EINECS #: | 609-676-7 |

SECTION 4 – First Aid Measures

| | |
|--|---|
| Description of necessary measures, subdivided according to the different routes of exposure | |
| Eyes: | Flush eyes with plenty of water or eye wash solution for at least 15 minutes - get medical attention if irritation persists |
| Skin: | Wash with soap and water - get medical attention if irritation persists |
| Ingestion: | If ingested in large amounts can cause nausea, vomiting and diarrhea |
| Inhalation: | Under mist conditions, no short term inhalation limits |
| Acute: | Not known |

SECTION 5 – FIRE FIGHTING MEASURES

| | |
|-----------------------------------|--|
| Flash point and Method: | Not determined |
| Autoignition: | Not determined |
| Boiling point: | Not determined |
| Extinguishing Media: | CO ₂ , Dry Chemical, Foam |
| Special Fire Fighting Procedures: | Class B Fire; Application of water to burning oil can cause splattering; oil will float; use air supplied equipment for fighting interior fires. |
| Unusual Fire & Explosion Hazards: | |
| Explosion Hazard: | None |



Possible risk of auto ignition/spontaneous combustion under high temperature/closed conditions if material is absorbed on various matrices and oxygen present.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------|---|
| If material is spilled: | No specific hazards: material is non-hazardous; if in mist form and levels are above 15g/m ³ (total), a dust mask and goggles are required |
| Personal Precautions: | |
| Respiratory Protection: | Not normally needed |
| Ventilation: | Intermittent clean air exchanges recommended, but not required |
| Protection gloves: | Not normally needed |
| Eye Protection: | Not normally needed |
| Environmental precautions: | Dispose of in accordance with local, state and federal regulations |

SECTION 7 – HANDLING & STORAGE

| | |
|--|---|
| Handling: | No special requirements |
| Storage requirements for storage areas and containers: | Store in a cool, dry location, in a sealed container, don't expose to direct sunlight, keep storing temperature below 77°F (25°C) |
| Shelf life: | 24 months, should be stored tightly sealed, protected from light and heat |

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|----------------------------|--|
| Eye Protection: | Safety Glasses |
| Skin Protection: | N/A |
| Respiratory Protection: | Not needed under normal conditions of use |
| Ventilation: | Area should be well ventilated |
| Special: | N/A |
| Mechanical: | N/A |
| Other Protective Clothing: | None |
| Work/Hygienic Practices: | Normal work and hygiene practices for handling non-hazardous liquid material |

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

| | |
|-------------------------|--------------------|
| Physical State: | Solid |
| Appearance: | White to beige |
| Odour: | Characteristic |
| Specific density | N/D |
| Solubility in water: | Insoluble |
| Liquid surface tension: | 25 dynes/cm @ 20°C |
| Melting point: | 25 - 35° C |
| Vapor pressure (mm Hg): | N/A |
| Evaporation rate: | Greater than 1 |
| Water reactive: | No |



SECTION 10 – STABILITY & REACTIVITY

| | |
|----------------------------------|--|
| Stability: | Generally stable, becomes rancid on extended exposure to air, avoid strong oxidizers |
| Conditions to avoid: | N/A |
| Incompatibility: | None |
| Hazardous Decomposition Products | N/A |
| Hazardous Polymerization: | Will not occur |

SECTION 11 – TOXICOLOGICAL INFORMATION

| | |
|--|---|
| Acute toxicity: | Acute effects are not expected after exposure to the product. DL50 oral: not determined DL50 dermal: not determined CL50: not determined |
| Skin irritation: | May cause mild skin irritation |
| Eye irritation: | May cause mild irritation to eyes |
| Respiratory or skin sensitization | not expected sensitizing effects after exposure to the product |
| Germ cell mutagenicity | not expected that the product presents mutagenic potential |
| Carcinogenicity | Not expected that the product has carcinogenic potential |
| Reproductive toxicity | Not expected that the product present to potential toxicity reproduction |
| Systemic target organ toxicity - single exposure | Systemic effects are not expected after a single exposure to the product |
| Systemic target organ toxicity – repeated exposure | systemic effects are not expected after repeated and prolonged exposure to the product |
| Aspiration Hazard | not determined |

SECTION 12 – ECOLOGICAL INFORMATION

| | |
|-------------------------------|-------------------------------|
| Ecotoxicity: | Product does not present risk |
| Persistence and degradability | Good degradability |
| Bioaccumulative potential | No bioaccumulation |
| Mobility in Soil | Well-tolerated |
| Other Adverse Effects | Not determined |

SECTION 13 – DISPOSAL CONSIDERATIONS

| | |
|---------------------------|---|
| Waste Disposal Method(s): | Physically clean up, check local landfill disposal requirements |
|---------------------------|---|

SECTION 14 – TRANSPORTATION INFORMATION

| | |
|-----------------------|---|
| DOT classification: | Not a DOT controlled material (USA); ship as raw material for cosmetically use, not to be loaded with incompatible materials including poisons. |
| Class/Divison: | Not restricted |
| Proper shipping name: | N/A |



| | |
|----------------|------|
| Label: | None |
| Packing group: | N/A |
| ID number: | N/A |
| Hazard: | N/A |

SECTION 15 – REGULATORY INFORMATION

| | |
|--|---|
| Immediate (Acute) Health | N |
| Sudden Release of Pressure | N |
| Delayed (Chronic) Health | N |
| Reactivity | N |
| Fire | N |
| State Right-To-Know (RTK) Information: Check with specific state authorities since regulations vary within the states. | |

SECTION 16 – ADDITIONAL INFORMATION

To the best of our knowledge, the information contained herein is accurate and is provided in good faith to comply with applicable federal and state laws. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution, although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

NA = Not Applicable ND = Not Determined



SPECIFICATION OF VIRGIN CUPUAÇU BUTTER

| | |
|--|--|
| | Production Process: Cold Extraction |
| Scientific name: <i>Theobroma grandiflorum</i> | Preservatives: Absent |
| Source of Raw Material: Amazonian Rainforest / Brazil | Solvent Extraction: Absent |
| Used part of the plant: Seed | Traceability: guaranteed |
| Origin of the Vegetable Drug: agroforestry systems | Shelf life: 24 months |

| CHARACTERISTIC | UNIT | PRESENTATION |
|------------------------------------|------------|----------------|
| Appearance | ---- | Solid |
| Color | ---- | White to beige |
| Odor | ---- | Characteristic |
| Acid value | mg KOH/g | < 20,0 |
| Peroxide value | meq/1000 g | < 10,0 |
| Iodine value | gl2/100g | 40 - 50 |
| Saponification value | mgKOH/g | 180 - 190 |
| Density | 25°C g/ml | 0,92 – 0,95- |
| Refractive index (40°C) | | 1,4500 – 1,460 |
| Unsaponifiable matter (bioactives) | % | 2 -3 |
| Tocopherols | mg/kg | 128 |
| Total sterols | mg/kg | 245 |
| Melting point | C° | 25 - 35 |
| FATTY ACID COMPOSITION | | |
| Palmitic Acid | % weight | 7,0 – 12,0 |
| Stearic Acid | % weight | 28,0 – 35,0 |
| Oleic Acid | % weight | 40,0 – 45,0 |
| Linolenic Acid | % weight | 3,0 – 7,0 |
| Arachidic Acid | % weight | 8,0 – 13,0 |
| Behenic Acid | % weight | 1,0 – 2,0 |
| Others | % weight | 1,0 – 5,0 |
| Saturated | % | 55 |
| Unsaturated | % | 45 |
| MICROBIOLOGY | | |
| Total bacteria | cfu/ml | <100 |
| Fungi and Yeasts | cfu/ml | <100 |

SAFETY HEALTH: product harmless, for cosmetic use only, not suited for human consumption

STORAGE: should be stored tightly sealed, protected from light and heat.

Last revision 15/06/2020



Responsible Source Statement for Cupuaçu Butter (*Theobroma grandiflorum*)

Our supplier, the manufacturer, has confirmed they are committed to sourcing cupuaçu seeds in a socially and environmentally responsible manner.

As an expression of traditional knowledge and livelihood option for forest communities, the gathering and use of non-timber forest products such as seeds, resins and herbs is a crucial component of sustainable forest management promoting Amazonian rainforest conservation. It is an up-and-coming alternative for unsustainable timber exploration and slash-and-burn activities for low valuable cash cropping and cattle farming. Investing in the purchase and application of non-timber forest products contributes to poverty alleviation and local development. Our supplier advocates the preservation of the Amazonian Rainforest by promoting the use and creating consumer markets for these sustainable and renewable rainforest resources and products with particular emphasis on seeds and resins for the cosmetic industry. They provide a morally and ecologically balanced relationship that supports the conservation of the Amazonian Rainforest and the rainforest communities' monetary needs. Still, they can compete financially with other unsustainable income sources offered by timber companies and agricultural concerns.

They only source cupuaçu seeds from communities whose operations meet the following principles:

- Only legal sources.
- No development on conservation units

- Not favoring mono-culture plantations but diversified agroforestry systems
- Comply with their established Code of Conduct, which describes expectations in food safety, forced labor, child labor, abuse of labor, freedom of association and collective bargaining, discrimination and harassment, wages and benefits, work hours and overtime, health and safety, environment, and anti-corruption.
- Our supplier guarantees the traceability of the cupuaçu fruits and fresh seeds.
- The cupuaçu seeds are a subproduct of the fruit pulp industry, and upscaling the production is far from exhausted

16th of February 2021



VEGAN CERTIFICATE FOR CUPUAÇU BUTTER

We hereby certify that the CUPUAÇU BUTTER (*Theobroma grandiflorum*) **DOES NOT** contain ingredients of meat, fish, fowl, animal by-products (including silk or dyes from insects), eggs or egg products, milk or milk products, honey or honey bee products, or be clarified or finished with any animal products.

Futhermore, Cupuaçu Butter did not get in contact with animal products during manufacturing process.

29th November 2021