

 **BERACA**



**BERACLAY 20061**  
Amazonian White Clay



BeraMinerals



**BERACA** presents a wide portfolio composed of fixed oils, butters, scrubs, clays and actives sustainably sourced from the Brazilian biodiversity. The ingredients come from extractive communities throughout Brazil and are manufactured to connect our biodiversity with thousands of consumers around the world. Through a relationship marked by transparency, traceability and innovation, Beraca contributes directly to regional development and environmental preservation.



## GENERAL INFORMATION

**Product Code:** BB20061B

**Related codes:** BB20061BA00, BB20061BX23, BB20061BX25

**Previous code:** RF AWC3900

Clay is a natural mineral composed of extremely fine particles of silicates and several trace elements. The clays may exhibit different types and concentrations of metals such as titanium, magnesium, copper, zinc, aluminum, calcium, potassium, nickel, manganese, lithium, sodium and iron.

Clays are derived from sedimentary rocks (feldspar) that have undergone the process of erosion and exposure to climate processes for thousands of years. During this process, these fragments of rock break off and absorb characteristic metals and components of the land. The fragments can also be weathered by water from nearby rivers and organic compounds in each micro-region, thus forming the mineral product that is known as clay.

Thus it is possible to understand that each clay is unique, the result of a specific composition of soil, water and climate processes that occurred in a particular place and time.

Clays have been used for aesthetic purposes for centuries, and their expressive properties make it a raw material ideal for cosmetic products for skin care, hair and scalp. Many properties of clay have been highlighted by the cosmetic market in recent years, such as their water and oil absorption properties and firming effects.

The BeraMinerals line is comprised of different Brazilian clays and quartz crystals having various granulometric profiles. BeraMinerals can be used for many different cosmetic applications, such as creams/lotions, exfoliating products and cleansers, hair care products and color cosmetics, and can be used pure or in formulations.

## PROPERTIES

- Improvement in sensory properties in emulsions;
- Help to promote cell ionic exchange;
- Remove waste (impurities, oiliness and dead skin cells);
- Detoxifying effect;
- Promotes a refreshed feeling.

## COSMETIC USE

Because of its many properties, especially cosmetic, the Amazonian White Clay is suitable for pure application or as an active in formulations, such as:

- Facial masks, cleansers and toners;
- Shampoos, conditioners and masks for all hair types;
- Setting sprays and setting powders;
- Products in general for all kinds of skin.

## APPLICATION

### FORMULATION SUGGESTION

<b>Formulation:</b>	<b>REFRESHING ANTI-POLLUTION FACIAL CLEANSING FOAM</b>
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Number of Phases: 3

INGREDIENTS	INCI NAME	%	SUPPLIER
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PHASE A			
WATER	<i>Aqua</i>	-82.40	-
DERMOSOFT 1388	<i>Glycerin; Aqua; Sodium Levulinate; Sodium Anisate</i>	3.50	-
PANTHENOL	<i>Panthenol</i>	0.50	-
<b>BB20061B BERACLAY 20061 (AMAZONIAN WHITE CLAY)</b>	<b><i>Kaolin</i></b>	<b>0.50</b>	<b>BERACA</b>
GENAGEN KB	<i>Coco-Betaine</i>	8.00	-
GLUCOTAIN CARE	<i>Cocoyl Methyl Glucamide</i>	4.00	-

PHASE B			
ARISTOFLEX TAC	<i>Ammonium Acryloyldimethyltaurate/ Carboxyethyl Acrylate Crosspolymer</i>	1.00	BERACA

PHASE C			
FRAGRANCE	Fragrance	0.10	-

#### Procedure:

Weigh the ingredients of phase A, one after the other and mix them.  
Disperse phase B to phase A with stirring. Homogenize for 15 minutes with medium agitation.  
Add phase C.

Sample formulations are provided for your convenience but Beraca Ingredientes Naturais S.A. does not warrant their merchantability, fitness for use, performance, safety, microbiological profile or freedom from patent infringement. They are not commercial formulations and have not been subjected to extensive testing. It is your responsibility to thoroughly test any formulations before use. All warranties, indemnities or liabilities implied or expressed by law are hereby excluded by Beraca Ingredientes Naturais S.A. to the fullest extent permitted by law.

## PHYSICAL AND CHEMICAL PROPERTIES

ANALYSIS	UNITS	SPECIFICATIONS
Appearance	Visual	Powder
Color (in natura)	Visual	White to gray
Odor	-	Characteristic
Granulometry		
Diameter at 90% (D90)	m	40 - 50
Retained in a 100 ASTM mesh	%	Max. 0.1
Water content	%	≤ 15
pH (sol. 1%)		4.0 – 6.0
Dispersion in water	-	Dispersible

## MICROBIOLOGICAL ANALYSIS

Total Bacteria H.M.	ufc/g	< 100
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## STORAGE INFORMATION

This product is stable for 24 months when stored in constant temperature (not above 25°C), dry, well ventilated and light protected surroundings. Once open it should be used immediately.

As this is a natural product physical and chemical properties may vary if the storage guidelines are not followed reducing the product's shelf-life.

## REGULATORY INFORMATION

INCI name (PCPC / COSING)	CAS Number
KAOLIN	1332-58-7

 **BERACA**



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