

Technical Data Sheet



BERACLAY GREEN

General Information

Beraca's new Brazilian Rare Clays line offers a variety of unique colors and benefits. They provide different activities for skin, face and hair and can help enhance sensorial properties in emulsions. Can be applied in the cosmetic, esthetics and spa products in different types of creams, masks, foaming and rinsing products. One of its unique characteristics is the extraction made by a selective process and the decontamination without the use of radiation.

BERACLAY RED is a 100% natural mineral validated and approved by ECOCERT FRANCE.

Ingredient certified by ECOCERT FRANCE SAS.

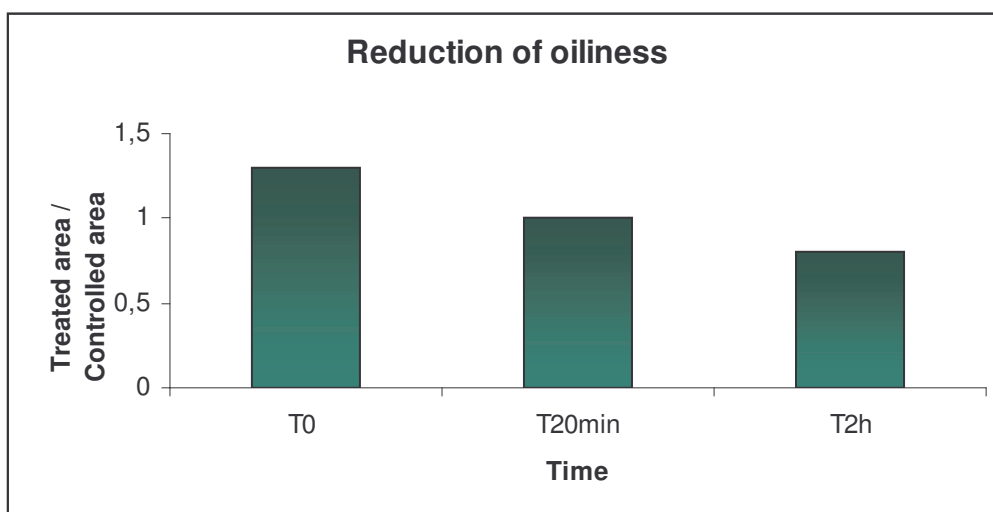
Can be used in formulation of cosmetic certified according to natural and organic standards.

BERACLAY GREEN is rich in Montmorillonite offering numerous benefits for the skin and formulations as thickening, suspension, improvement of the thixotropic parameters and stability.

This clay is highly recommended for oily skin. Its colloidal structure forms a multisandwich of silicate layers, composed of small particles with nanometric size (smaller than the particles of other kind of minerals). This special characteristic is responsible for its high absorption capacity which is up to eight times its own weight of water or other fluids.

In vivo Dermatological Clinical Studies proved that **BERACLAY GREEN**:

- ✓ Reduces the oiliness of the skin after 2 hours of application of the product in 29%
- ✓ Does not have the bouncing effect, in other words, it removes the oiliness from the skin keeping it clean for a longer time;
- ✓ Helps with the treatment of acne and seborrhea.



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Suggested Applications

- ✓ Natural and organic formulations (5 – 90%);
- ✓ Teen products (1 – 20%)
- ✓ Body and facial masks (10 – 40%);
- ✓ Skin care emulsions (1 – 15%);
- ✓ Hair care products (1 – 5%);
- ✓ Bar soap (1 – 10%);
- ✓ Liquid soaps (1 – 5%).

Technical Indications

BERACLAY GREEN can be handled hot or cold, and should be dispersed in the aqueous or oily phase at the beginning of the manufacturing, to guarantee a product homogeneous.

Regulatory Information

Product code: BRC-GR10

INCI name (CTFA)	INCI name (EU labeling)	CAS no.	EINECS no.
Magnesium aluminum silicate	Argilla	12199-37-0	235-374-6
Montmorillonite	Montmorillonite	1318-93-0	215-288-5
Kaolin	Kaolin	1332-58-7	310-194-1
Mica	Mica	12001-26-2	310-127-6

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