

Bamboo Charcoal paste (D0.9)

Description

Many Asian civilizations like Japan, South Korea, China and Taiwan have used charcoal for centuries. Due to its porous structure, it adsorbs odors as well as a wide range of organic and inorganic substances like toxins and impurities. This makes it an ideal agent to purify air and water. It can even be used as medical treatment and food supplement. In cosmetics bamboo charcoal is used as detoxifying agent, treatment for oily skin, adsorbent in all different kinds of skin care formulations like for example purifying masks, cleansing soap bars, cleansers and bathing products. Another trend is black toothpaste! Bamboo charcoal adsorbs minerals, toxins, impurities and other harmful substances from your skin leading to a stronger and healthier skin. In addition, it helps to get rid of chemicals from skin pores, it exfoliates dead skin cells and removes unpleasant odor. Bamboo charcoal stimulates cell growth leading to supple, delicate and smooth skin. It is excellent for cleaning oily and acne prone skin types.

Bamboo Charcoal paste (D0.9) is a water dispersed bamboo charcoal powder (D50= 0.9) with all the advantages of general bamboo charcoal powder. It contains a certain amount of water, which reduces the formation of dust during production and simplifies the dispersion of the raw material. Bamboo Charcoal paste (D0.9) therefore represents an innovative active ingredient in paste form for dust free, more convenient handling. It is 100 % nature and eco-friendly. Wood and bamboo charcoal are widely used in cosmetics, daily life, and food applications. With its detoxifying power and outstanding deep black color, natural bamboo charcoal powder is widely used as colorant, purifier and food additive, like the popular black ice cream, biscuits or waffles.

Efficacy

- absorbs toxins, impurities, and harmful substance
- purifies the skin
- exfoliates the skin
- smoothes the skin
- removes unpleasant odours
- stimulates cell growth
- cleans oily and acne prone skin

Appearance

black powder

INCI

Charcoal Powder, Aqua

Registration

CAS-No.

Charcoal Powder.....16291-96-6

Aqua.....7732-18-5

EC-No.

Charcoal Powder.....240-383-3

Aqua.....231-791-2



Nature needs no cosmetics,
but cosmetics need nature

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Preservatives / Stabilizers

none

Characteristics

charcoal powder..... $\geq 75\%$
water content..... $\leq 25\%$
carbon content (dry basis)..... $\geq 95\%$
solid content.....70 - 80 %
loss on drying.....20 - 30 %
ash..... $\leq 7\%$
particle size.....50 % pass 900 nm (0.9 μm)

Application

daily cosmetic products
creams and lotions
face masks
gels and ampoules
hair care
nail polish
food supplements

Application concentration

skin care formulations.....0.5 - 5 %
decorative cosmetics.....5 - 30 %

Incorporation

Bamboo Charcoal paste (D0.9) is insoluble in water, organic solvents, and oils. We recommend to predisperse Bamboo Charcoal paste (D0.9) with an appropriate amount of water and adding it in the production stage while stirring evenly. It is not sensitive to high shear force, high temperature or pH.

Toxicology

non hazardous in normal use concentration

Storage & Shelf life

Bamboo Charcoal paste (D0.9) should be stored in tightly closed containers in a dry and well-ventilated place at temperatures between 10 - 25°C.

In closed original containers the shelf life is 24 months.