

Bamboo Charcoal powder

Description

Many Asian civilizations like Japan, South Korea, China and Taiwan have used charcoal for centuries. Due to the 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 tooth-paste! 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.

Our Bamboo Charcoal powder is made from moso bamboo timber. Bamboo charcoal is an environmentally friendly sustainable material as bamboo is one of the fastest growing plants on earth. As part of the grass family, it is just re-growing from the existing root structure when you cut the culms. Bamboo charcoal is a microporous material with excellent adsorption properties due to its large specific surface area. The surface area of 200-400 m²/g makes it an ideal deodorizer, purifier, and humidity controller. After harvesting moso bamboo, it is charred in an oven at temperatures above 1000°C. Then it is ground, sieved into various mesh sizes and packed. Our moso Bamboo Charcoal powder consists of pure natural carbon and it is neither treated chemically nor physically for activation, one reason why it is approved according to COSMOS standards.

Efficacy

- adsorbs 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

Registration

CAS-No.....16291-96-6
EC-No.....240-383-3

Raw material approved by ECOCERT GREENLIFE,
conform to the COSMOS Standard.



Nature needs no cosmetics,
but cosmetics need nature

Bamboo Charcoal powder

Preservatives / Stabilizers

none

Characteristics

carbon content.....>= 95 %
loss on drying.....<= 12 %
ash.....<= 7 %
particle size (>3.8 µm).....<= 50 %

Application

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

Application concentration

skin care formulations.....0.1 - 1.5 %
pigment.....0.01 - 0.1 %
cleasing soap bar.....0.1 - 1.5 %
bathing products.....0.1 - 1.5 %
decorative cosmetics.....0.1 - 1.5 %
tooth paste.....0.1 - 1.5 %

Incorporation

Bamboo Charcoal powder is insoluble in water, organic solvents and oils. Add Bamboo charcoal powder directly after emulsifying and mix it homogeneously under stirring.

It is not sensitive to high shear force, high temperature or pH.

Toxicology

non hazardous in normal use concentration

Storage & Shelf life

Bamboo Charcoal powder should be stored in closed containers in a dry and light protected place at 10 - 25°C.

In closed original containers the shelf life is 60 months.