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Garden
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SPECIFICATIONS: Amazon White Clay

Effective: 09/01/2008

A natural oleaginous soil, very rich in mineral salts which bring toxins to the skin surface to remove them. Rich in iron, aluminum, potassium, calcium, boron, sulfur, clay has been a popular natural therapy with beneficial effects for headache and stress. Brazilian Indians have utilized geotherapy for ages, knowing the clay may protect them from skin problems and biting insects. This Amazonian clay absorbs organic materials along the banks of the Amazon River, they are inundated with botanical debris. They absorb nutrients which combat free radicals and help to channel positive energy. Amazon White Clay can be used for relaxation, skin regeneration, hydration, and cleaning.

Suggested Usage:

- Face or body pack is suggested between 15 to 50%
- Skin and body products such as regeneration, cleaning, hydration and others are suggested between 3 to 10%

TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS		
ANALYSIS	UNITS	SPECIFICATIONS
Appearance	-	Powder
Color	-	White to grey
Odor	-	Characteristic
pH (sol. 1%)	-	4.0 – 4.5
Dispersion in water	-	Dispersible
Particle Size	□ (microns)	40 – 50
Microbiology	cfu/g	<100
TYPICAL CHEMICAL COMPOSITION		
Cu	(ppm)	7 – 8
Zn	(ppm)	22 – 25
Se	(ppm)	<1
Hg	(ppb)	<50
SiO ₂ (Quartz)	(%)	41 - 48
Al ₂ Si ₂ O ₅ (OH) ₄	(%)	44 - 51
TiO ₂	(%)	1.3
Fe ₂ O ₃	(%)	1.5 – 2.2
MnO	(%)	0.39 – 0.44
CaO	(%)	0.04 – 0.06
Na ₂ O	(%)	0.20 – 0.35
K ₂ O	(%)	0.23
P ₂ O ₅	(%)	0.30 – 0.071

STORAGE INFORMATION

Amazonian White Clay is stable for at least 24 months when stored in cool, dry, and well ventilated surroundings. Store away from light in original and tightly sealed containers.

INCI name (CTFA): Kaolin CAS no. 1332-58-7

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