

PRODUCT INFORMATION SHEET WHITE CLAY

INCI Name	Kaolin
Cas nr	1332-58-7
EINECS nr	215-288-5
Formula	$Al_2 Si_2 O_5 (OH)_4$
Type of clay	Natural silicate, complex of aluminium, iron & magnesium
Major constituent	100% Kaolinite
Aspect	White Powder
Particle size	< 40µm

Composition	%
SiO ₂	48 – 50
AL ₂ O ₃	35 – 37
Fe ₂ O ₃	0.6 – 0.8
MgO	0.2 – 0.4
K ₂ O	1.9 – 2.3
Na ₂ O	0.1 – 0.2
TiO ₂	0.04 – 0.06
CaO	0.09 – 0.11

Properties

White clay is very effective for fragile and dry skin thanks to its following properties:

- ✓ Adsorbing, purifying and cleansing
- ✓ Absorbing and mattifying
- ✓ Repairing
- ✓ Soothing

White clay can be used in toothpastes as a thickener and/or as mild abrasive. In food supplements, White Clays has a quick and natural action against digestive disorders.

Storage: keep in a dry place ; packing: 25kg

Product 100% Natural – Not Ionized



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PRODUCT INFORMATION SHEET RED CLAY

INCI Name	Montmorillonite
Cas nr	1318-93-0
EINECS nr	215-288-5
Formula	$(\text{Na,Ca})\text{O}_{0,33}(\text{Al,Mg})_2\text{Si}_4\text{O}_{10}(\text{OH})_2, n\text{H}_2\text{O}$
Type of clay	Natural silicate, complex of aluminium, iron & magnesium
Major constituent	> 75% Smectite (Montmorillonite)
Aspect	Red Powder
Particle size	< 77µm

Composition	%
SiO ₂	50.27
Al ₂ O ₃	18.81
Fe ₂ O ₃	7.40
MgO	3.40
K ₂ O	2.23
Na ₂ O	0.02
TiO ₂	0.68
CaO	1.30
MnO	0.03
P ₂ O ₅	0.04

Properties

Soothing, re-balancing and re-mineralizing, Red Clay gives good looks to all skin types, even the most sensitive and reactive.

Soothing, antiseptic and healing, it is also very useful for tightening dilated pores and for attenuating small skin redness.

Its pink-orange color makes it a perfect additive for coloring soaps.

- ✓ Cleansing and purifying
- ✓ Adsorbing and detoxifying
- ✓ Absorbing and mattifying
- ✓ Stimulating
- ✓ Colouring, « healthy glow » effect

Storage : in a dry place ; packing : 25kg

Product 100% Natural – Not Ionized



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10/2020

PRODUCT INFORMATION SHEET PINK CLAY

INCI Name Montmorillonite
Cas nr 1318-93-0
EINECS nr 215-288-5
Formula $(\text{Na,Ca})\text{O}_{0,33}(\text{Al,Mg})_2 \text{Si}_4 \text{O}_{10} (\text{OH})_2, n\text{H}_2\text{O}$

Type of clay Natural silicate, complex of aluminium, iron & magnesium
Major constituent > 75% Smectite (Montmorillonite)
Cation Exchange Capacity > 59.5 Meq per 100 g

Aspect Pink Powder
Apparent density 0.7 – 0.8
Particle size < 77µm

MICROBIOLOGY

Aerobic bacteria < 1000/g
Staphylococcus Aureus Absence
Pseudomonas Aeruginosa Absence
Candida Albican Absence
Escherichia Coli Absence

Composition	%
SiO ₂	50.27
AL ₂ O ₃	18.81
Fe ₂ O ₃	7.40
MgO	3.40
K ₂ O	2.23
Na ₂ O	0.02
TiO ₂	0.68
CaO	1.30
MnO	0.03
P ₂ O ₅	0.04

Storage : in a dry place, from -10°C to +80°C

Product 100% Natural – Not Ionized – Cosmos approved



10/2020

Properties

Soothing, re-balancing and re-mineralizing, Pink Clay gives good looks to all skin types, even the most sensitive and reactive.

Soothing, antiseptic and healing, it is also very useful for tightening dilated pores and for attenuating small skin redness.

- ✓ Cleansing and purifying
- ✓ Adsorbing and detoxifying
- ✓ Absorbing and mattifying
- ✓ Colouring, « healthy glow » effect

05/2020

PRODUCT INFORMATION SHEET GREEN CLAY

INCI Name	Montmorillonite
Cas nr	1318-93-0
EINECS nr	215-288-5
Formula	$(\text{Na}, \text{Ca}) \text{O}_{0,33} (\text{Al}, \text{Mg})_2 \text{Si}_4 \text{O}_{10} (\text{OH})_2, n\text{H}_2\text{O}$
Type of clay	Natural silicate, complex of aluminium, iron & magnesium
Major constituent	> 80 % Smectite (Montmorillonite)
Aspect	Green Powder
Particle size	< 77µm

Composition	%
SiO ₂	50.11
Al ₂ O ₃	18.89
Fe ₂ O ₃	3.02
MgO	0.02
K ₂ O	1.02
Na ₂ O	0.01
TiO ₂	0.3
CaO	1.28
MnO	0.02
P ₂ O ₅	0.04

Properties

Green Clay has the strongest adsorbative power compared to other types of clays. Thanks to its richness in mineral salts and trace elements, it has many properties which makes it a good ingredients for skin and hair care products :

- ✓ Adsorbing and absorbing
- ✓ Detoxifying
- ✓ Remineralising and tonifying
- ✓ Purifying
- ✓ Repairing

Green Clay can be used in toothpastes as a thickener and/or as mild abrasive. In food supplements, Green Clay is traditionnally used against digestive disorders, to ease wounds healing and joint comfort.

Storage: in a dry place. Packing: 25kg

Product 100% Natural – Not Ionized



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