



Personal care...naturally



Clay Mineral Suspension Technology



For centuries green clay has played a vital part of beauty rituals around the world. It has a natural ability to bring balanced minerals and trace minerals to the skin. It is also known to provide the necessary elements to assist the skin in its rejuvenation process.

As clay is not very soluble, it is difficult to use in many health, beauty and cosmetic products. Clay Mineral Suspension Technology™ (INCI: Illite) from Arclay LLC is a unique *liquid clay suspension*, making it possible to provide the benefits of Green Clay in a large variety of cosmetics products.

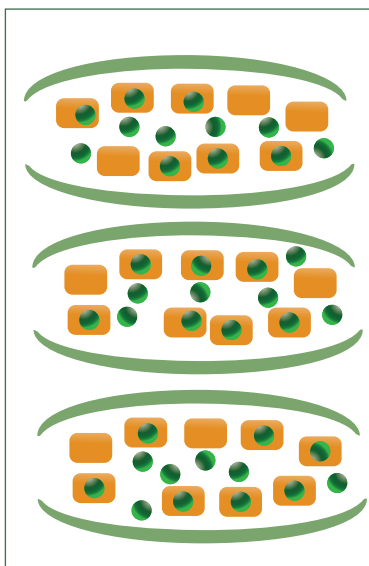


Derived from an innovative American concept with a European influence and an international presence, the patent pending Clay Mineral Suspension Technology™, created by Arclay LLC, allows for the creation of unique actives and delivery systems made completely from natural ingredients. This unique technology maintains the essential elements of European sun-dried Illite green clay suspended in natural spring water. Technological variations in the adsorption, absorption and ionic exchange processes enhance key benefits found in the Illite clay to create unique key active ingredients, delivery systems and/or natural product formulations.

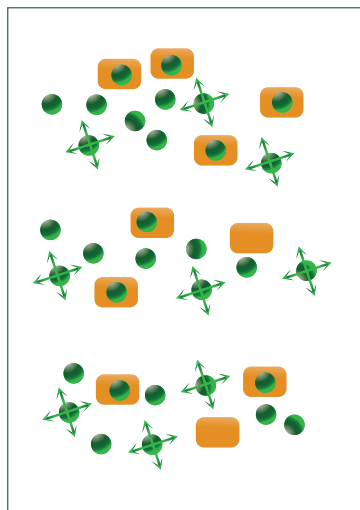
A Patent Pending Technology that

- Maintains suspension of naturally balanced essential minerals and trace minerals contained in European Sun-dried Green Illite Clay.
- Greatly enhances the ionic exchange, absorption or adsorption properties of these minerals.
- Creates effective active ingredients, delivery systems, and/or unique pure and natural personal care product formulations.

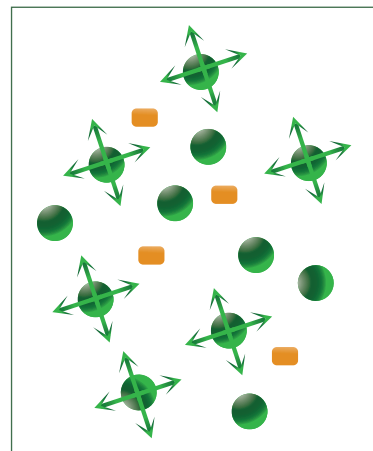
1. Eliminate non-essential elements



2. Reduce absorption process



3. Enhance adsorption process and ionic exchange processes



■ Absorption properties.

● Adsorption properties: contains minerals and trace minerals and the ionic exchange process: contains mine minerals.

● The exchange process and its benefits to the skin are enhanced.

Benefits of Clay Mineral Suspension Technology™

Actives

- **Mineralize**
Transfers to the skin the minerals and trace minerals necessary for its balance.
- **Bring Balance and Vitality**
Supports the skin's natural defense mechanism.
- **Smaller particle size**
Less than 10 microns for faster and more effective penetration.
- **Absorbs excessive oils**
- **Rejuvenating**
Promotes tissue repair, tightens skin pores.
- **Can be added to many product formulations to enhance their natural benefits**
 - Cleansers, toners, moisturizers
 - Eye creams
 - Serums
 - Other innovations.

Delivery System

- **Generates high ionic exchange process.**
- **Provides targeted adsorption and absorption processes.**
- **Creates a binding effect.**
- **Enhances delivery of actives.**
- **Increases efficiency of new or existing formulations.**

Natural Mineral Formulations

- **Liquid form:** facial mist, body mist, reviving mist, balneotherapy.
- **Mud form:** facial mask, mineralizing body wrap, poultice, cataplasm.
- **Other natural innovations**

Benefits	ACTIVES			DELIVERY SYSTEM	NATURAL BULK FORMULATIONS			
	Balneor	Exchanger	Soother	Unifier	Face Mask	Face Mist	Atomizer	Body Mist
Enhanced Delivery of actives				X				
Deeper Penetration		X		X				
Moisturization	X					X	X	
Oil Absorption	X	X	X				X	
Pore Size Reduction	X		X			X		
Mineralize	X	X	X		X		X	X
Detoxify	X	X			X	X		X
Exfoliate					X	X		
Regenerate Cells		X	X		X	X		X
Binding Effect				X				
Act as Anti-aging	X	X			X	X		
Have a Cicatrizing action			X					
Have a Sedative action								X
Have an Antiseptic action		X	X		X			X
Act as anti-inflammatory		X						X
Have a Cleaning effect			X		X	X		
Relaxing Effect	X							

These statements have not been evaluated by the US Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

ARCLAY Innovation, quality and service

Innovative solutions to meet today's consumer needs.

Dedicated team of product specialists, scientists, engineers and customer service representatives to fulfill our customer's needs.

Proven ability to serve our customers through quality, value and innovation.



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