

TECHNICAL DATA SHEET

Product Name: Ultra Fine Red French Clay

INCI Name: Illite, Kaolin

CAS: 12173-60-3, 1332-58-7

Chemical Classification: Inorganic Compound

Functional Category: Bulking Agents, Dispersing Agents, Opacifying/Pearlizing Agents, Emulsion Stabilizers, Viscosity Modifiers

Country of Origin: France

Description: Ultra Fine Red French Clay is a natural mineral ingredient, known for its intense red color derived from a high content of iron oxides. Extracted from natural deposits in France, it is valued for imparting a healthy appearance and deep nourishment to the skin. Red clay is especially suitable for dry, sensitive, and mature skin, gently revitalizing and evening out the complexion, making it radiant and uniform. It stimulates circulation, making it particularly beneficial for tired, dull skin. Upon application, it enhances blood flow, providing skin with a natural glow and improved elasticity. Additionally, its texture provides gentle exfoliation, effectively removing impurities and dead skin cells without disturbing the skin's natural barrier. Rich in minerals such as silica, calcium, magnesium, and iron oxides, this clay deeply nourishes the skin, helping it maintain a healthy appearance and optimal hydration levels. It does not dry out the skin but restores its natural moisture, making it highly suitable for skin prone to irritation and redness. Its soothing properties make it effective for conditions like rosacea and eczema, reducing inflammation and enhancing skin texture. This clay is widely used in face masks, easily mixed with water, hydrolats, or oils to create a paste that deeply cleanses and refreshes the skin. It is also incorporated into body products, scrubs, and soaps, providing softness and a purified feeling. In hair masks, it balances scalp oiliness and revitalizes hair, restoring shine and health. Ultra Fine Red French Clay is easy to use and compatible with natural ingredients such as essential oils and plant extracts. Its fine structure facilitates blending into various cosmetic formulations, while its natural color enhances product aesthetics. Particle size is below 15 microns. Due to its natural origin, the color may slightly vary from batch to batch. The pH of a 20% suspension is between 8.0–8.5.

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Benefits:

- Removes impurities from pores for clearer skin.
- Reduces skin oiliness, beneficial for oily skin.
- Alleviates redness and irritation on problematic skin areas.
- Exfoliates dead cells and supports regeneration, smoothing the skin.
- Tightens pores, reducing the risk of acne and blackheads.
- Controls shine, leaving skin matte and oil-free.
- Balances scalp oiliness and strengthens hair roots.

Usage Instructions: For facial masks, recommended concentrations range from 20% to 50%. Mixing with water, hydrolats, or plant oils creates a smooth paste that absorbs excess sebum, impurities, and toxins during drying, while improving circulation and skin tone, leaving skin refreshed and glowing. These masks are particularly beneficial for tired, mature, or dry skin, preserving the skin's natural moisture balance. In scrubs, the clay typically ranges from 10% to 30%, gently exfoliating without irritation, making it ideal for sensitive skin types. Hair products such as masks or scalp treatments use concentrations between 10% and 20% to balance scalp oiliness, cleanse thoroughly, and revitalize hair, enhancing shine and health. In soaps, lower concentrations of 5% to 10% are used for mild detoxifying effects, providing natural color and a gentle mattifying action suitable for oily and combination skin. It can also be used in wraps and detox baths, where smaller amounts create beneficial suspensions that remove toxins, leaving the body refreshed and revitalized. In all formulations, red clay blends effortlessly with other active ingredients, such as essential oils, plant extracts, and natural thickeners.

Natural or Synthetic: Ultra Fine Red French Clay is natural, sourced from natural clay deposits in France. Processing involves cleaning, drying, and fine milling without chemical modifications, maintaining its completely natural mineral status.

Animal Testing: Not tested on animals

GMO: Non-GMO

Vegan: Contains no animal-derived ingredients

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