

TECHNICAL DATA SHEET

Product Name: Ultra Fine Pink French Clay

INCI Name: Illite, Kaolin, Montmorillonite

CAS: 12173-60-3, 1332-58-7, 1318-93-0

Chemical Classification: Inorganic compound

Functional Category: Extender, Filler

Description: Ultra Fine Pink French Clay is a high-quality clay originating from France, distinguished by its ultra-ventilated fineness that provides exceptional absorption properties beneficial for skin and hair. Its gentle pink color results from iron oxides combined with kaolin and red clay. Due to its nourishing composition, it is particularly suitable for sensitive and dry skin, gently absorbing excess sebum and impurities from pores, balancing oily and dry areas, resulting in even-toned, refreshed, and healthier skin. This clay effectively regulates sebum production, especially in oilier facial areas like the T-zone, reducing enlarged pores, blackheads, and acne. It also helps skin retain natural moisture and maintain optimal pH balance, enhancing freshness and elasticity without causing oily shine or tightness. Rich in minerals such as silicon, calcium, magnesium, and iron oxides, it supports skin regeneration, leaving it smooth, radiant, and revitalized. Its gentle texture allows deep cleansing without drying, simultaneously soothing irritation and redness, making it especially suitable for eczema and rosacea-prone skin. Pink French Clay easily mixes with water, hydrolats, or plant oils, making it versatile for various cosmetic formulations, most commonly facial masks, exfoliants, and soaps, offering gentle yet effective care. Its ultra-fine granulation, with particle sizes under 15 microns, ensures a smooth texture in formulations. The pH of a 20% aqueous suspension ranges between 8 and 8.5. Due to its high quality and purity standards, it is a trusted natural cosmetic ingredient, suitable for all skin types, particularly those seeking gentle yet effective skincare and cleansing products.

Mechanism of Action: Pink French Clay gently absorbs excess sebum and impurities from the skin surface, simultaneously releasing beneficial minerals aiding regeneration. Its natural adsorptive properties draw out toxins from pores without disrupting the skin's natural barrier, leaving it refreshed and balanced. The combination of kaolin and red clay ensures an optimal balance between gentle cleansing and moisture retention.

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Upon skin contact, the clay binds impurities and excess oils, simultaneously releasing minerals like silicon, calcium, and magnesium, enhancing cellular renewal and strengthening the skin's protective layer. This process maintains skin softness, smoothness, and revitalization without causing dryness or tightness. Additionally, it gently stimulates microcirculation, enhancing cellular nourishment and improving skin tone. Its soothing properties reduce redness and irritation, making it suitable for sensitive skin. The fine texture enables easy distribution in formulations such as masks and exfoliants, ensuring even application.

Benefits:

- Removes impurities from pores, promoting clearer skin.
- Reduces skin oiliness, beneficial for oily skin types.
- Alleviates redness and irritation in problematic skin areas.
- Exfoliates dead cells, aiding regeneration and smoothing skin.
- Tightens pores, reducing acne and blackheads.
- Reduces oily shine, leaving skin matte.
- Controls scalp oiliness and strengthens hair roots.

Usage Instructions: For facial masks, use concentrations of 20%-50%, mixed with water, hydrolats, or plant oils to form a paste. Once dry, the mask extracts toxins, excess sebum, and impurities, soothing irritation and enhancing skin tone. For exfoliants, use concentrations of 10%-30% combined with abrasive or moisturizing ingredients. Its fine texture provides gentle exfoliation, removes dead cells, and stimulates regeneration, leaving skin smooth and refreshed. This application is ideal for oily and combination skin, removing excess oil without drying. For hair products, such as masks, use concentrations of 10%-20% to balance scalp oiliness, reduce excessive sebum secretion, refresh hair, strengthen hair strands, and cleanse the scalp. In soap making, concentrations between 5%-10% impart mild detoxifying properties. Soaps containing this clay offer a matte effect ideal for oily skin. Pink French Clay can combine with essential oils and active ingredients to further soothe, cleanse, or hydrate skin according to formulation needs. It effectively thickens and stabilizes emulsions, synergistically working with common thickeners like xanthan gum and hydroxyethyl cellulose, and aids pigment suspension. Additionally, it serves as a component in detox baths and wraps, providing deep skin cleansing and revitalization. Its versatility makes it indispensable in natural cosmetic skincare and haircare.

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Natural or Synthetic Ingredient: Ultra Fine Pink French Clay is natural, sourced from natural clay deposits in France. Processing involves cleaning, drying, and fine milling without chemical modifications, making it entirely natural.

Origin: France

Animal Testing: Not tested on animals

GMO: Non-GMO

Vegan: Contains no animal-derived components.

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