

Natunola[®] CCT 7401



Caprylic/Capric Tri-glyceride is derived from Coconut, *Cocos nucifera* oil which is a highly effective emollient with an extensive shelf life. Improved spreading properties and skin penetration of the product makes it an excellent ingredient in most creams, lotions and oil based formulations. **Natunola[®] CCT 7401** is a great solvent base for vitamins, minerals and enzymes and acts as an effective vehicle in the adhesion and dispersion of pigments.

Natunola[®] CCT 7401 nourishes and hydrates dry skin without leaving behind an oily film, as it is quickly absorbed by the skin. Application of the product results in increased retention of water and natural oils within the upper layers of the skin and hair that results in improved look and feel.

Description:

Natunola[®] CCT 7401 is derived from Caprylic/Capric Tri-glyceride. Obtained from Coconut oils, **Natunola[®] CCT 7401** is an ideal emollient and pigment dispersion agent within cosmetic formulations, as the product is quickly absorbed by the skin and does not leave behind an oily film. There is a decreased tendency of **Natunola[®] CCT 7401** to oxidize translating into increased stability and shelf life. **Natunola[®] CCT 7401** is the ingredient of choice in formulations where the color, odour and feel are a priority.

Functionality:

Natunola[®] CCT 7401 is an ideal ingredient in cosmetic formulations as it can be used as a skin conditioner, emollient, film former, viscosity controlling agent and a viscosity building agent for anhydrous systems.

Applications:

Natunola[®] CCT 7401 can be used in a wide array of applications in particular skin care products, hair care products, which include baby creams, emollient creams, cold creams, conditioning creams, protective creams, sunscreen lotions, moisturizing creams, shampoos, conditioners, lipsticks, eye shadows and bar soaps.

INCI Name: Caprylic/Capric Triglyceride (and) Zea Mays (Corn) Starch (and) Silica

Specifications:

Appearance:	Clear, transparent gel
Odour:	None
Bacteriological Data:	Total bacteria count (aerobic): <100 cfu/g (At the time of packaging)
Solubility:	Soluble in all vegetable oils, glycerol tri-isostearate, isosterarly isostearate, oleic acid, isostearic acid, coco-caprylate/caprate and mixed glycerides, silicon oil, ethanol and 1,2 propanadiol
pH (1:20 water emulsion)	4.6 - 6.6
Gardner Colour (1:10 in mixed glycerides):	Maximum 3
Stability:	Stable at room temperature. Store in original container under 20°C.
Recommended Usage Level:	Skin care creams and lotions: 3% to 50%(wt/wt) Other: 1% to 99% (wt/wt)
Formulating pH:	The recommended pH range is 3 to 8.
Formulating Temperature:	The recommended working temperature range is 25°C to 80°C. The best working temperature is 75°C.

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