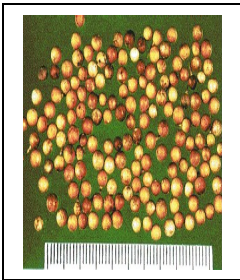


Plantec Hydration Complex LC

Lip Care

Preservative Free

100 % Vegetable Origin



INCI NAME: Ricinus Communis (Castor) Seed Oil (and) Olea Europaea (Olive) Oil Unsaponifiables (and) Butyrospermum Parkii (Shea Butter) (and) Crambe Abyssinic Seed Oil (and) Tocopherol

Description

This multi-functional natural butter was developed for formulations based on lip care. Each individual ingredient was carefully selected according to its recognised skincare attributes. By choosing to formulate with this unique complex we have enabled the formulator to reduce the total amount of individual ingredients (hence time) necessary to add to the formula.

The Cosmetic Properties of each individual ingredient incorporated into the complex

- Olive oil Unsaponifiables, the main constituent of this raw material is olive squalene. Squalene is a natural constituent of human sebum. Its role is that of an antioxidant. Kohno (1) proved that squalene is a quencher of singlet oxygen and does not propagate skin lipid oxidation. Yamamoto (2) also concludes that squalene serves as a trap for singlet oxygen thus preserving membrane fatty acids from peroxidation.
- Shea Butter is an excellent skin moisturiser and it also restores skin flexibility and elasticity. It will help to increase the viscosity and consistency of finished products.
- Abyssinian oil helps the complex to melt instantaneously on the skin and is readily absorbed. It is a natural emollient with a unique light after skin feel, non tacky. It has excellent slip characteristics. Great new marketing possibilities
- Castor oil is an intensive skin moisturiser and is generally the main oil of choice in lipsticks

Cosmetic attributes of Hydration Complex – Lip care

- Intensive lip moisturiser
- Penetrates easily into the epidermis
- Helps to stabilise emulsions and to adjust viscosity
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The butter is solid and melts between 45 - 55 °C. We would suggest adding the butter to an emulsion system in the oil phase.

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Suggested cosmetic applications of Hydration Complex – Lip care

- Lip sticks
- Lip balms
- Lip creams

Main Characteristics

Appearance at 20°C	Soft, off-white to ivory solid
Odour	Faint, characteristic
Melting range, °C	45 - 55

Standard Packaging

White plastic pails, 25 kg net

Storage

Store in a cool dry place in original unopened containers

Shelf Life

12 months in original unopened packaging

(1) Kohno, Biochem. Biophys. Acta., 1256, 52 (1995)

(2) Yamamoto, J. Dermatol. Sci., 27, Supp 1, S1- S4 (2001)