

non-animal origin**skin and haircare additive****for cosmetics and toiletries****GENERAL INFORMATION**

FANCOR UNI-EMBASE is a natural vegetable derived emulsifying wax. It is a balanced blend of lipophilic high molecular weight fatty alcohols and hydrophilic ether-esters. It incorporates an additive package of all vegetable based conditioners and forms creams with strong emulsion characteristics that overcome the effect of inversion and exothermic rise in temperature. The inherent ability to form an emulsion with smaller and compact particle sizes by-passes the requirement of sub-zero chiller and only needs local water cooling to produce elegant creams or lotions which are white, thixotropic and stable.

FANCOR UNI-EMBASE can be used to manufacture products with a high pH. It is easy to handle, with and can replace 3 or 4 individual materials in a typical cream relaxer product. FANCOR UNI-EMBASE forms a universal base cream which is versatile to produce active driven products, such as no-base and lye relaxers, depilatories and hair color developers.

FANCOR UNI-EMBASE eliminates the need for post homogenization and creates extremely stable emulsions.

INGREDIENTS**INCI name:**

Cetearyl Alcohol, Polysorbate 60, PEG-40 Hydrogenated Castor Oil, Meadowfoamamidopropyl Betaine, Dimethicone PEG-8 Meadowfoamate, Steareth-20, Polysorbate 65

CTFA name:

Cetearyl Alcohol (and) Polysorbate 60 (and) PEG-40 Hydrogenated Castor Oil (and) Meadowfoamamidopropyl Betaine (and) Dimethicone PEG-8 Meadowfoamate (and) Steareth-20 (and) Polysorbate 65

APPLICATIONS

- Hair Relaxers and Straighteners
- Lotions
- Creams
- Crème Rinses
- Antiperspirants
- Depilatories
- Hair Styling Aids
- Hair Colour Developers
- Hair Conditioners
- Decorative Cosmetics

KEY PROPERTIES**FANCOR UNI-EMBASE skin and haircare additive**

Typical properties

- Can replace multiple ingredients used in the emulsifying system
- Is stable at extreme pH
- Eliminates need for post homogenization
- Produces extremely stable emulsions

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CHEMICAL AND PHYSICAL DATA

Appearance	Creamy to Off White Waxy Solid
Hydroxyl Value	130-165
Iodine Value	3.5 max.
Saponification Value	20 max.
Melting Point	50-54 °C
Acid Value	2 max.

INCORPORATION

FANCOR UNI-EMBASE can be added to the oil phase with heating.

LEVELS OF USE

The level of use of the FANCOR UNI-EMBASE will depend on the formulation. Typical addition levels are 1-25%.

COMPATIBILITY

FANCOR UNI-EMBASE is compatible with most materials used in cosmetics and pharmaceutical preparations.

TOXICITY

Care is taken to ensure that the ingredients used in the FANCOR UNI-EMBASE additive are not known to be injurious to health in any way and have been toxicologically tested to ensure their safety. However, the FANCOR UNI-EMBASE additive has not been subjected to testing involving the use of animals within the last 10 years.

STORAGE TEMPERATURES

Keep container sealed and store at room temperature.

SHELF LIFE

FANCOR UNI-EMBASE has a shelf life of 2 (two) years from date of manufacture.

SAFETY

Before using this product, please consult our MSDS.

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