



Cola[®]Lipid BP

INCI: Sodium Borageamidopropyl PG-Dimonium Chloride Phosphate

DESCRIPTION

Cola[®]Lipid BP is a recently released naturally derived biomimetic phospholipid complex made from borage oil. Being derived from a very pure grade of borage oil, a highly unsaturated fatty triglyceride that contains the highest available source of gamma linolenic acid, **Cola[®]Lipid BP** is very useful in topical applications where it will enhance and augment the skin's natural barrier system. Gamma linolenic acid is the primary essential fatty acid that is required to maintain healthy, normal looking skin.

The unique therapeutic properties of borage oil have been well documented in scientific literature. Colonial has improved this performance by making the phospholipid version of this oil and adding substantivity to the product by way of this reaction. **Cola[®]Lipid BP** is very substantive and results in long lasting benefits to the skin. **Cola[®]Lipid BP** is an effective way to deliver gamma linolenic acid in a variety of skin treatment applications.

FEATURES

- Topical skin delivery of γ -linolenic acid
- Polyunsaturated essential fatty acid derivative
- Skin normalizer
- Non-occlusive moisturizer
- Non-toxic and non-irritating
- Highly substantive on skin and hair
- Counter irritant
- Non-greasy emollient

Essential fatty acids have been recognized as vital to the maintenance of healthy skin and tissue. They are the basic building blocks of all cell membranes in the form of the **Cola[®]Lipid** and precede hormone-like regulators as prostaglandins.

Cola[®]Lipid BP is based on borage oil, which contains gamma-6-linolenic acid, which is particularly suggested for use in crèmes and lotions to help alleviate adverse skin conditions.

TYPICAL PROPERTIES

Appearance	Light Brown Liquid
% Total Solids	35
% Solvent (water/PG)	65
pH (10% in 50/50 IPA/H ₂ O)	6.5

Specific Gravity 1.04
HLB Range 17-19

RECOMMENDED APPLICATIONS

Cola[®]Lipid BP is an ideal component in a wide variety of skin treatment products, especially in formulations designed for use on sensitive dry or scaly skin including: moisturizers, barrier cremes/lotions, wrinkle modifiers, anti-irritants, protection crèmes, under makeup products, anti-acne and dandruff preparations.

TYPICAL FORMULATION

SKIN RENEWAL CREAM

<u>Part A</u>	<u>% By Weight</u>
Cola [®] Lipid BP	1.5
Cola [®] Lipid ST	2.2
Cola [®] Fax CPE	1.0
Glycerin	2.0
Germaben IIE	0.4
Titanium Dioxide	0.5
Aminomethyl Propanol	0.4
Water	80.0

Part B

Cetyl Alcohol	2.0
Steareth-2	2.0
Squalane	0.8
Isopropyl Palmitate	2.4
Octyl Stearate	4.0
Dimethicone (350cS)	<u>0.8</u>
	100.0

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WARRANTY

Colonial Chemical guarantees that its products meet published specifications. No other warranties or guarantees are expressed or implied because the use of this material is beyond the control of Colonial Chemical.

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