

Biosil EFA

Ingredient Information

INCI Name: Linoleic Acid (and) Linolenic Acid (and)
Tocopherol
CAS# 60-33-3, 463-40-1, 1406-18-4
EINECS# 200-470-9, 207-334-8, 215-798-8

Specifications

Color	Yellow (8 max)
Appearance	Clear liquid
Odor	Typical fatty note
Acid Value	180.0 – 205.0
Iodine Value	148.0 – 168.0
Saponification Value	180.0 – 210.0

Attributes

- Omega-3/Omega-6
- Vitamin blend
- Improves barrier function
- Hydrates and Moisturizes

Applications

- Hair care
- Skin care
- Color Cosmetics

Recommended use levels 1.00 – 5.00%

Biosil EFA is an essential fatty acid (Vitamin F) complex offering an elegant and easy to use blend of materials which have long been recognized as essentials for healthy looking skin. **Biosil EFA** is based on Omega-6 Linoleic Acid and Omega-3 alpha-Linolenic Acid, the only long chain fatty acid the body needs but cannot synthesize.

There are about 50 essential elements our bodies require for everyday health. They are considered “essential” because our bodies cannot manufacture them. Most are vitamins, minerals, and amino acids, and two are essential fatty acids (EFAs). The two EFAs are known as linoleic (omega-6) and linolenic (omega-3). They function as essential building blocks in every membrane of every cell in your body keeping beneficial substances within your cells and harmful ones out.

A body deficient in EFAs causes changes in cell structure than can result in brittle and dull hair, nail problems, dandruff, allergies and dermatitis. In fact, most diseases associated with aging from arthritis to liver spots on the skin are the results of EFA deficiencies. **Biosil EFA** gives skin and hair cells greater fluidity and flexibility yielding smooth skin and hair. In addition, the cutaneous permeability barrier of the skin is maintained thus preventing transdermal water loss that results in dry skin.

Biosil EFA is oil soluble and can be incorporated into the oil phase of any hair, skin or nail formulation.

Storage and Handling

Before handling please read the Safety Data Sheet and container label for safe use, physical and health hazard information.

Biosil Technologies, Inc.
6A Pearl Court, Allendale, NJ 07401
Tel : 201-825-8800 Fax : 201-825-8810
www.biosiltech.com