

FANCORSIL[®] LIM-1

Non-animal Origin Skincare And Haircare Additive For Cosmetics And Toiletries

GENERAL INFORMATION

FANCORSIL LIM-1 is manufactured by complexing the fatty acid of the natural triglyceride Meadowfoam Seed Oil (*Limnanthes Alba*) with silicone.

FANCORSIL LIM-1 gives the combined properties of the conditioning associated with the Meadowfoam Seed Oil and the properties of silicone in a single molecule.

FANCORSIL LIM-1 is soluble in water.

FANCORSIL LIM-1 has excellent conditioning and moisturizing properties in both skin and haircare applications.

FANCORSIL LIM-1 can be absorbed into the hair cuticle and help repair damaged hair.

FANCORSIL LIM-1 can be used as a shine enhancer in decorative cosmetics and hair care products while also helping to build body to the formulation.

FANCORSIL LIM-1 does not depress foam, but adds density and more creaminess to the foam.

INCI NAME

Dimethicone PEG-8 Meadowfoamate

CHEMICAL & PHYSICAL PROPERTIES

| | |
|--------------------------------------|----------------------------------|
| Appearance | Clear off white to yellow liquid |
| Color (Gardner) | 3 max. |
| Acid Value (mg KOH/gm) | 8 max. |
| Solubility test (5% deionized water) | Soluble |
| Specific Gravity @ 20°C | 1.05 - 1.10 |

These are typical properties not to be used for specification purposes

APPLICATIONS

- Lipsticks and Decorative Cosmetics
- Hair Shampoo
- Hair Conditioner
- Body Lotion
- Skin Cream

- Bath and Spa Products
- Hair Styling Aids
- Gels
- Baby Products

KEY PROPERTIES

- Repairs hair cuticle
- Increases strength of hair
- Improves hair shine, feel and combability
- Can build body and texture in formulations
- Helps film forming
- Moisturizes skin and hair
- Provides emolliency and lubricity

INCORPORATION

FANCORSIL LIM-1 can be added at any convenient stage in the manufacturing cycle with mixing.

| Solubility @ 25°C | @3% | @50% |
|------------------------|--------------------------|--------------------------------------|
| Castor Oil | Soluble (Clear Solution) | Soluble (Clear Solution) |
| Mineral Oil | Dispersible | Dispersible |
| Propylene Glycol | Soluble (Clear Solution) | Soluble (Clear Solution) |
| Glycerine | Dispersible | Dispersible |
| Ethyl Acetate | Soluble (Clear Solution) | Soluble (Clear Solution) |
| Ethyl Alcohol | Soluble (Clear Solution) | Soluble (Clear Solution) |
| Isopropyl Myristate | Dispersible | Insoluble (becomes insoluble at 30%) |
| Distilled Water @ 25°C | Soluble (Clear Solution) | Soluble (Clear Solution) |
| Distilled Water @ 75°C | Dispersible | |

continued...

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LEVELS OF USE

The level of use of the **FANCORSIL LIM-1** will depend on the formulation. Typical addition levels are 0.1-10%.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep container sealed and store at room temperature.

SHELF LIFE

FANCORSIL LIM-1 has a shelf life of 3 (three) years from date of manufacture.

QUALITY ASSURANCE

Quality and continuous improvement are paramount to our business. Facility manufacturing **FANCORSIL LIM-1** has established strong quality management system and holds ISO 9001 certification.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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