

TECHNICAL DATA SHEET

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 and has excellent conditioning and moisturising 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

APPLICATIONS

- Lipstick and decorative cosmetics
- Hair shampoo
- Hair conditioner
- Body lotion
- Skin cream
- Bath and spa products
- Hair styling aids
- Gels
- Baby products

CHEMICAL & PHYSICAL PROPERTIES

Appearance	Clear off white to yellow liquid
Colour (Gardner)	3 max.
Acid value (mg KOH/gm)	8 max.
Solubility test (5% deionised water)	Soluble
Specific gravity @ 20°C	1.05 – 1.10

These are typical properties not to be used for specification purposes.

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
- Moisturises skin and hair
- Provides emolliency and lubricity

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INCORPORATION

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

Solubility	@ 25°C	@ 75°C
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	

LEVEL OF USE

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

HEALTH & 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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