

Manta F1031 Amino Silicone Fluid

Description

Manta F1031 is a polysiloxane modified with an active amino group. Due to the amino group structure is short and distributed at both ends of the polysiloxane, it has outstanding yellowing resistance. Moreover, the active amino group is highly polar, has high reactivity, and has good adsorption, compatibility and easy emulsification. The polysiloxane segments bring a very soft and smooth feel.

Typical Physical Properties

INCI/CTFA	Bis-aminopropyl Dimethicone
Appearance	Colorless to slightly yellow transparent liquid
Refractive index (25°C)	1.3950-1.4150
Specific gravity (25°C)	0.950-1.000
Viscosity (CST, 25°C)	1,000-20,000
Ammonia Value (mmol.g-1)	0.06

Properties

- Good adsorption and combing properties;
- Easily emulsified for use in formulations;
- Good resistance to yellowing and low odor;
- Long-lasting softness, silky smoothness, and easy combing;
- Good conditioner in hair care products;

Applications

F1031 is an ideal additive for personal care products such as shampoo, conditioner, baking cream, and perm.

How to use

Add F1031 to perms and hair dyes to partially replace ammonia or other amine compounds to prevent physical and chemical damage caused by thioglycolic acid, its salts and oxidants during the perm and hair dye processes;

After emulsification in hair care products, slowly add F1031 into the emulsification system at a temperature below 50°C and stir evenly.

First emulsify with an emulsifier and then add it to the emulsification system at a temperature below

50° C. For oily products, it can be added directly to the system at room temperature and mixed well. The recommended usage level is 0.1%-2.0%, the specific usage method depends on actual needs.

Packaging

In 200L drum, IBC

Safety and Storage

Keep away from heat and open flame. Prevent from the exposure of moisture, acid, alkalis and other impurities. When stored at well in the original unopened containers, this product has a usable life of 24 months from the date of production (drum packing).

Contact Information

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