



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

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TDS of IOTA 29161 Cyclopentasiloxane & Dimethicone

Product name: Cyclopentasiloxane & Dimethicone

Features:

Smooth, reduce the friction.

The appropriate volatile, don't clog pores

Hydrophobic

Provide better luster and texture

Advantages

Smooth, dry and silky feel.

Moisturize hair, improve hair gloss.

Strengthen the durability of the other active ingredients to the skin.

Description

This product is a polysiloxane with annular polysiloxane mixture, colorless, tasteless, non-toxic, has the very high affinity to hair and skin, can form a complete and uniform silicone protective film. This product has a moderate amount of volatile, add to the formula can be made into soft, smooth and soft feel products, is an ideal material to manufacture hair care products and cream.

Technical data

Appearance (visual) : colorless transparent liquid

Viscosity (CST, 25 °C) : 3500-5000

Specific gravity: 0.945 to 0.965

Refractive index: 1.3950 to 1.4050

Application

Hair conditioner, Hair dressing gel, suncream, skin-protection and hair glue, etc.

How to use?

This product has a certain volatile, in the process of processing, advisable preparation temperature is less than 50 °C; add the product when the temperature reaches 50 °C after melting in the formula, and stir evenly, add other components then.

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This product has good compatibility with oil soluble cosmetic raw materials such as fats and oils, flavors and fragrances, pigments, usable cyclic polysiloxanes dilution to reduce viscosity and convenient use. Can dilute with cyclic polysiloxanes and reduce the viscosity for convenient usage.

Recommended dosage

In the hair care products recommended to add the amount of 3-8%, in the hair tail oil products recommended to add the amount of 40-50%.

Packaging specifications

This product can be packed in 50Kg plastic barrel or drum 200Kg.

Storage and transportation

This product is a non-dangerous goods, storage and transportation process should pay attention to moisture, to prevent impurities mixed with acid, alkali, etc. This product can store for two years in a sealed room with room temperature.

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