



TECHNOLOGY MAKES LIFE BETTER

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安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

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TDS of IOTA 9600B Silicone Elastomer Gel

Dimethicone (and) Dimethicone/Vinyldimethicone Crosspolymer [INCI/CTFA]

Features

1. Silicone elastomer blend containing low viscosity dimethicone instead of cyclomethicone
2. Excellent spreading performance
3. Non-greasy feel on skin

Benefits

1. Excellent silky, smooth feel on skin
2. Long-lasting skin feel
3. Can be used as thickening agent in W/O Systems
4. Can be used in either hot or cold processes

Description

This product is a mixture of dimethicone/vinyldimethicone crosspolymer and low viscosity dimethicone instead of cyclomethicone. It can be used in formulations of skin care, sun care, color cosmetics, hair care, perfume and antiperspirant to provide long-lasting smooth, silky, non-greasy skin feel.

Technical index

Appearance: Colorless or yellowish, Transparent to translucence gel

Penetration degree (1/10mm): 230-430

Non-volatile substance (% , w/w): > 70

Application

Skin care, sun care, hair care, color cosmetics, perfume, antiperspirant etc.

How to use?

This product can be directly added to hot oil phase and prepare emulsion or cream. Using a homogenizer to disperse it uniformly in formulations. Added into emulsion formulation directly is benefit for dispersion. The common usage level of this product is

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1-30% in skin care formulations, 0.5-5.0% in hair care products. It is recommended to carry out preliminary tests to determine the optimum quantity for particular application.

Package

Packed with 18kg plastic drum or 200kg metal drum.

Storage and transportation

This product is non-dangerous. In storage and transportation, prevent from the exposure of moisture, acids, alkalis, the sun and rain directly. The product has 12 months shelf life from the date of production at room temperature in seal-tight condition.

Cautions

This product is neither tested nor suggested in the medical and pharmaceutical applications.

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