

Cyclo-1400-DM Cosmetic Grade Blend

INCI Name: D5 Cyclomethicone and Ultra-high viscosity Dimethicone



Cyclo-1400-DM is a blend of d5 Cyclomethicone and high viscosity Dimethicone

Cyclo-1400 Cosmetic Grade Blend is a blend of D5 Cyclopentasiloxane and approximately 15% ultra-high viscosity Dimethicone.

Cyclo-1400 Cosmetic Grade Blend is film forming and non-occlusive. The Cyclomethicone serves as a diluent and evaporates readily without a residue or cooling sensation.

Cyclo-1400 Cosmetic Grade Blend can be readily emulsified or combined with volatile silicone, mineral oil and cosmetic esters to provide a delivery vehicle for active ingredients such as sun screens, skin care products, hair conditioners and color cosmetics.

Features

- High viscosity Dimethicone dispersed in D5 Cyclomethicone
- Soft velvet feel
- Excellent film forming
- Long lasting
- Excellent conditioning
- Cyclomethicones evaporate readily without a residue or cooling sensation
- Provides water-repellent film in sunscreens, emollients & moisturizers

How to use

Clearco Cyclo-1400-DM improves the substantivity of other actives. It is effective in skin care products as a water repellent, durable film. These actives may include sunscreens, emollients, and moisturizers.

Formulating tips: For emulsion products, If temperature above 60C is being used to melt the oil phase, Cyclo-1400-DM should be added slowly after the formation of the emulsion below 60C using a high shear mixer.

Properties

Chemical Name	Silicone Fluid
INCI Name	Cyclopentasiloxane & Dimethicone
Silicone content	100%
Appearance	Clear-viscous liquid
Dimethicone content	15%
Specific gravity @25°C	0.92
Viscosity at 25°C	Approx 6,000cSt
Freezing point	-18°C
Flash Point	70°C
Refractive index	1.397
D4 Content	<0.94 %

CAS Information

Decamethylcyclopentasiloxane (D5) 541-02-6..... 40 to 70%
Polydimethylsiloxane 63148-62-9.....15%

Packaging

1-gallon pail.....	3.4kg
5-gallon pail.....	17kg
55-gallon drum.....	195kg

For More Information, Contact:

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