



### Clearco Cyclo-1400 Cosmetic Grade Silicone

INCI Name: Cyclopentasiloxane > 60% Decamethylcyclopentasiloxane



Clearco 1400 is especially effective in hair conditioners to prevent split ends.

#### Features

- Soft velvet feel
- Excellent film forming
- Long lasting
- Excellent conditioning
- Volatility
- Cyclomethicones evaporate readily without a residue or cooling sensation
- Conditions hair – especially split ends
- High % of Dimethiconol
- Detackifies greasy formulations

#### How to use

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

Clearco Cyclo-1400 is a blend of cyclomethicone and dimethiconol. It consists of high viscosity dimethiconol in cyclomethicone (Tetramer). The fluid blend provides soft feel, spreadability and substantivity. Cyclomethicone evaporates readily without a residue or cooling sensation.

It 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, facial make-up. It is particularly useful as a hair conditioner in preventing split ends

#### Properties

Chemical Name	Silicone Fluid
Formula	Cyclomethicone
Appearance	Clear-viscous liquid
Specific gravity @25°C	0.96
Viscosity at 25 at 25°C	4,000 – 7,000 cP
Refractive index	1.39 to 1.40
Non-volatile content	15%
% Volatile Content	83 to 87%
% D5	83 to 87%
Flash Point	> 50°C

#### CAS Information

Decamethylcyclopentasiloxane 541-02-6..... > % by weight  
Dimethylcyclosiloxanes..... <= 4% by weight

#### Packaging

55-gallon drums (200 kg per drum)  
275-gallon totes (1,000 kg per tote)

#### For More Information or To Request a Sample Contact:

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