



SM9399G SeraSol EL 99

INCI: Dimethicone (and) PEG-15/Lauryl
Dimethicone Crosspolymer

Applications

Skin Care
Colour Cosmetics
Sun Care
Antiperspirants

Benefits

Excellent compatibility with organic oil
Light non-greasy and silky skin feel- elastomeric feel
Highly stable W/O emulsifier
Cold processable

Description

KCC Beauty SerSilk EL 99 is a silicone emulsified gel blend with alkyl chain and PEG modified. The alkyl chain improves compatibility with organic oils and can be applied in a variety of oils.

SeraSol EL 99 can be included in many products to enhance skin feel, spreadability and absorption, and can produce highly stable W / Si emulsions.

Typical Properties

Appearance	Translucent paste
Silicone Crosspolymer content	30%
Viscosity (25°C)	90,000 cP
CTFA / INCI Designation	Dimethicone (and) PEG-15/Lauryl Dimethicone Crosspolymer

Solubility / Compatibility

Base oil	Oil : Gel	
	SeraSol EL 99	
	1 : 9	5 : 5
Cyclopentasiloxane	C**	C**
Dimethicone-2cSt	C**	C**
Methyltrimethicone	C**	C**
Phenyltrimethicone	C**	C*
Caprylylmethicone	C**	C**
Isopropyl palmitate	C**	C*
Isododecane	C**	C**
Squalane	C**	C*
Octylmethoxycinnamate	C**	C**
Mineral Oil	C**	C*
Macadamia Ternifolia Nut Oil	C**	C**
Caprylic/Capric Triglyceride	C**	C*

C : Compatible , PC : Partially Compatible, I : Incompatible

* : Clear , ** : Slight haze , *** : Cloudy

Emulsification Capability

Dimethicone 100%	Dimethicone : Mineral Oil 50% : 50%	Mineral Oil 100%
SeraSol EL 99		

SeraSol EL 99 can offer broad emulsification capability with silicone and organic oils

Typical Properties

The values mentioned are not intended for use in preparing specifications. We have made every effort to ensure these values are correct as of the revision date of this document.

Method of Use

SeraSol EL 99 is easy to incorporate into skin care formulations and any other products that may take advantage from having a self-emulsifiable silicone elastomer surfactant incorporated into them.

Use 1% to 5% SeraSol EL 99 alone or in combination with other emulsifiers.

please see our formulation guide.

Recommended Usage Level

1.0 ~ 5.0% in skin care, color cosmetics, sun care, hair care products.

Packaging

18kg pails and 160kg drums.

Storage and Shelf Life

The product should be stored below 30°C and not be allowed to freeze. Shelf life of the opened or un-opened container is 12 months from the date of manufacture. If you wish to use this product after this time, please contact us for details.

Toxicity and Handling

Please see our SeraSol EL 99 safety data sheet for more details. Information for safe use of this product is not included in this document. Before handling please read container labels and the safety data sheet for physical, environmental and health hazard information.

Limited Warranty Information

Although every effort has been made to ensure that the information contained within this data sheet is reliable, we cannot be held responsible for the correctness of the information or for any loss, injury or damage which may result from its use. Suggestions of uses should not be taken as inducements to infringe any particular existing patent.

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