

SeraSol PF 105

INCI: Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone

Applications

Skin Care

Sun Care

Make-up

Benefits

PEG Free silicone emulsifier

Non-ionic W/Si or W/O emulsifier

Provide excellent emulsion stability

High compatibility with silicones and organic oils

Cold processible

Description

KCC Beauty SeraSol PF 105 is a silicone emulsifier with polyglycerin hydrophilic functionality for W/O or W/Si emulsions. SeraSol PF 105 allows various PEG Free cosmetic formulations and provides enhanced sensory benefits in wide range from colour cosmetics to skin care products. Especially, SeraSol PF 105 can offer broad emulsification capabilities with silicone and organic oils to help produce more unique and stable emulsion with low viscosity. Also, its excellent powder dispersion capabilities can enable higher performance in formulations with pigments and powders.

Typical Properties

Appearance	Clear, Colourless to yellow liquid
Viscosity (25 °C)	4,000 cP
Specific Gravity (25°C)	0.950
Refractive index (25°C)	1.427
HLB	< 3
D4/D5/D6 contents	< 0.1%
CTFA / INCI Designation	Lauryl Polyglyceryl-3 Polydimethylsiloxyethyl Dimethicone

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

With a low HLB, SeraSol PF 105 can be used as emulsifier for the formulation of W/Si or W/O emulsions including sunscreen, liquid make-up and powder make-up.

Recommended Usage Level

1.0 to 5.0 % w/w.

Packaging

18kg pails and 180kg drums.

Storage and Shelf Life

The product should be stored in a cool dark place away from direct sunlight. Shelf life of the un-opened container is 18 months from the date of manufacture.

Toxicity and Handling

Please see our SeraSol PF 105 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.

Company Details

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