

SeraSol SC 83-A+

INCI: Cetyl PEG/PPG-10/1 Dimethicone

Applications

Night creams
Barrier creams
Foundations
Rich moisturisers
Sun creams

Benefits

Cold processable
Non-ionic W/O or W/Si emulsifier
Emulsifier for multiple emulsions (W/O/W)
Enhances stability of “difficult” emulsions

Description

KCC Beauty SeraSol SC 83-A+ is a liquid polysiloxane polyalkyl polyether block copolymer designed for use as a personal care grade silicone emulsifier for W/O and W/Si emulsions. This is a unique silicone emulsifier for skin creams, lotions and foundations. The copolyols act as the hydrophile whilst the alkyl modification offers the hydrophobic tail, with the silicone acting as the sandwiching layer that offers a pleasant light and silky feel to the W/O or W/Si emulsion. Compatible with high levels of organic ingredients. Generates excellent freeze / thaw stability.

Typical Properties

Appearance	Clear, Colourless – Yellow Fluid
Viscosity (25 °C)	1,500 cS
Specific Gravity (25°C)	0.93
HLB	<5
CTFA / INCI Designation	Cetyl PEG/PPG-10/1 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

SeraSol SC 83-A+ is primarily used as an emulsifier for W/O emulsions; W/O/W emulsions and also as a co-emulsifier in O/W emulsions. The resulting emulsions are particularly stable at both low and high temperature even when “difficult” to emulsify ingredients are used in the formulation. Cold mix processes can often be used to create stable emulsions.

Recommended Usage Level

1.5 to 3.0 % w/w.

Packaging

18kg and 180kg drums.

Storage and Shelf Life

The product should be stored below 32°C. Below 15°C, a white precipitate may form but this can be re-incorporated into the fluid by gentle warming and agitation. 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 SC 83-A+ 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

KCC Beauty EMEA Office:

Basildon Chemical Co. Ltd. Kimber Road, Abingdon, Oxfordshire, OX14 1RZ, United Kingdom

Tel: +44 (0) 1235 526677 **Fax:** + 44 (0) 1235 524334 **e-mail:** info@kcc-beauty.com

KCC Beauty Asia Office:

344, Sapyeeong-daero, Seocho-gu, Seoul, Korea

Tel: +82 2 3480 5000 **Fax:** +82 2 3480 5436 **e-mail:** w3webmaster@kccworld.co.kr



Scan me to find
out more about
KCC Beauty
online!