

SF1000NFX200,350,500
and SF1000NFK001, 003, 005
SeraSense SF Medium Viscosity Fluids
(200 – 5000cS)

INCI: Dimethicone

Applications

Skin care Hair care
Deodorants
Sun care
Colour cosmetics

Benefits

Non-tacky emollient
Good spread quality
Good skin lubricity
Low surface tension

Description

SeraSense SF Medium Viscosity Fluids are available at 200, 350, 500, 1000, 3000 and 5000cS viscosities. In cosmetics applications, the low-medium viscosity of these fluids makes these ingredients good spreading agents, whilst offering higher substantivity than those of a lower viscosity. Low-medium viscosity dimethicone can also eliminate the whitening or 'soaping' effect seen in W/O emulsions. In hair care, these materials can be used in serums or conditioners to give hair a smooth feel and good dry combing.

Typical Properties	SeraSense SF 200	SeraSense SF 350	SeraSense SF 500	SeraSense SF 1K	SeraSense SF 3K	SeraSense SF 5K
Appearance	Clear, Colourless Fluid	Clear, Colourless Fluid	Clear, Colourless Fluid	Clear, Colourless Fluid	Clear, Colourless Fluid	Clear, Colourless Fluid
Viscosity at 25°C	200cS	350cS	500cS	1000cS	3000cS	5000cS
Flash Point (°C)	>315	>315	>315	>315	>315	>315
Refractive Index (at 25°C)	1.403	1.403	1.403	1.403	1.403	1.403
CTFA / INCI Designation	Dimethicone	Dimethicone	Dimethicone	Dimethicone	Dimethicone	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

SeraSense SF Medium Viscosity Fluids may be used alone or blended with other silicone fluids to provide bases for many cosmetics, skin care and hair care products.

Recommended Usage Level

1.0 – 10.0% depending on application.

Packaging

20kg pails and 200kg drums. 950kg IBCs.

Storage and Shelf Life

The product should be stored below 32°C. Shelf life of the opened or un-opened container is 36 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 SeraSense SF 200, 350, 500, 1K, 3K or 5K 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 Asia Office:

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

Tel: +82 2 3480 5811 **Fax:** +82 2 3480 5887 **e-mail:** silicone@kccworld.co.kr