

SeraSense® GB 16

INCI: Dimethicone (and) Dimethiconol

Applications

Hair Care Products

Skin Care Products

Colour Cosmetics

Benefits

Pleasant skin feel

Conditioning effect

Improves spread

Improves combing for haircare

Description

SeraSense® GB 16 is a blend of low viscosity dimethicone (5cS) and a moderately high viscosity dimethiconol gum polymer. It is designed for use in Cosmetic and Personal Care applications. It is a clear, colourless viscous fluid. It imparts a soft, silky feel to skin by facilitating spreading of the formulation actives and by improving skin elasticity. It forms a water resistant, breathable protective barrier without a negative tacky feel. When used in haircare formulations, SeraSense® GB 16 acts as a long-lasting conditioner which provides improved dry combing and imparts a superb soft feel.

Typical Properties

Appearance	Clear, Colourless Viscous Fluid
Viscosity (at 25°C)	3,200
Gum Content (%)	14
Refractive Index (at 25°C)	1.397
Flash Point (°C)	>135
CTFA / INCI Designation	Dimethicone (and) Dimethiconol

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® GB 16 is a concentrate, which allows the addition of a silicone gum to a wide range of personal care formulations. It can be further diluted in volatile silicone and is miscible with mineral oil. SeraSense GB 16 was developed for use in conditioning shampoos, conditioners and other hair care products. The primary function of SeraSense® GB 16 is to impart a soft silky feel and provide long-lasting conditioning

Recommended Usage Level

0.5 - 100% dependent on application

Packaging

25kg and 200kg drums.

Storage and Shelf Life

The product should be stored below 32°C. 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 SeraSense® GB 16 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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