

## Product Information

### Personal Care

# BC 99/030 Stearyl Dimethicone

## INCI name: Stearyl dimethicone

### Description

BC 99/030 Stearyl Dimethicone is an alkyl modified methylpolysiloxane for use in skin care and colour cosmetic applications.

### Product Features

1. Readily soluble in a wide variety of cosmetic raw materials.
2. Excellent spreading properties.
3. Hydrophobic properties.

### Applications

BC 99/030 Stearyl Dimethicone is typically used in skin care products and colour cosmetics. It imparts the following product enhancing properties:

- ◆ Enhanced water repellency.
- ◆ Non-sticky, soft feel.
- ◆ Moisturisation.
- ◆ High degree of substantivity.

### Compatibility

BC 99/030 Stearyl Dimethicone is readily soluble in the following media at both high and low temperatures:

Olive oil, Wheatgerm oil, Oleyl oleate, Oleyl alcohol, PPG-5-Laureth-5, Decyl oleate, Octyldodecanol, Mineral oil (low viscosity), Isopropyl myristate, C9-13 Isoparaffin.

BC 99/030 Stearyl Dimethicone is insoluble in the following media:

Lanolin oil, Castor oil, PEG-7 glyceryl cocoate, PEG-75-Lanolin oil, Isopropanol, Alcohol, Water, Glycerine, Propylene glycol, Ethyl Acetate.

### Typical Properties

Appearance:	White, wax like
Melting point (approx):	30°C
CTFA/INCI designation:	Stearyl Dimethicone

Although every effort has been made to ensure that the information contained in 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. Also suggestions of uses should not be taken as inducements to infringe any particular patent.

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### Storage and Shelf Life

Shelf life of the unopened container is 12 months from date of manufacture. If you wish to use the product after this time please contact us for approval.

### Toxicity and Handling

See our health and safety sheet for more information.

### Technical Service

Our technical and sales staff have considerable experience of the use of silicone products in a very wide variety of industries and the benefit of this experience is freely available to all our customers.

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