

Product Information

Personal Care

BC 96/004 Dimethiconol Emulsion

INCI name: Dimethiconol (and) Sodium Dodecylbenzenesulphonate (and) C11-15 Pareth-12

Description

Basildon Chemicals 96/004 Dimethiconol Emulsion is an anionic emulsion of very high viscosity polydimethylsiloxane. BC 96/004 Dimethiconol Emulsion is manufactured by emulsion polymerisation resulting in a high stability product.

Product Features

1. Very high viscosity silicone (1,000,000 - 2,000,000cS) for optimum conditioning effect.
2. Very fine particle size. Extremely stable.
3. Low viscosity emulsion, easy to blend and pour.
4. Available in 25 kg or 200 kg pack sizes.

Typical Properties

These values are not intended for use in preparing specifications (see table).

Method of Use

This will depend on the type of formulation in which the BC 96/004 Dimethiconol Emulsion is being included and the other ingredients involved. Guiding formulations are available on request.

Applications

BC 96/004 was developed for use in the manufacture of 2 in 1 type shampoos. It's fine particle size and high viscosity silicone make it ideal in this type of formulation where it provides a high quality conditioning effect on most hair types.

It is usually used at a level of between 2.0% and 4.0% in the shampoo formulation but can be effective at levels as low as 0.5%.

Toxicity and Handling

BC 96/004 Dimethiconol Emulsion is basically non-hazardous with a very low order of toxicity, although prolonged contact with the skin or contact with the eyes may cause some irritation. See our Health and Safety sheet for more information.

Storage and Shelf Life

Store under cool and dry conditions. When stored at below 32°C BC 96/004 Dimethiconol Emulsion has a shelf life of 12 months from the date of manufacture. Ideally do not allow the product to freeze.

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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Typical Properties

Specific gravity (25°C):	1.0
Appearance:	Off White, viscous emulsion
Percentage silicone:	50%
CTFA/INCI designation:	Dimethiconol (and) Sodium Dodecylbenzenesulphonate (and) C11-15 Pareth-12

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