

Product Information

Personal Care

BC 96/042 Dimethiconol Emulsion

INCI name: Dimethiconol (and) TEA-Dodecylbenzene Sulphonate

Description

Basildon Chemicals 96/042 Dimethiconol Emulsion is an anionic emulsion of very high viscosity polydimethylsiloxane (Silicone Gum). BC 96/042 is manufactured by emulsion polymerisation resulting in a high stability product with a fine particle size.

conditioning effect on a variety of 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%.

Product Features

1. Very high viscosity silicone (greater than 1,000,000cs) for optimum conditioning effect.
2. Fine particle size (Less than 1.0 microns).
3. Extremely stable.
4. Low viscosity emulsion, easy to blend and pour.
5. Available in 25 kg or 200 kg pack sizes.

Toxicity and Handling

BC 96/042 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.

Typical Properties

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

Storage and Shelf Life

Store under cool and dry conditions. When stored at below 32°C BC 96/042 Dimethiconol Emulsion has a shelf life of 12 months from the date of manufacture. Ideally do not allow the product to freeze.

Method of Use

This will depend on the type of formulation in which the BC 96/042 Dimethiconol Emulsion is being included and the other ingredients involved.

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.

Applications

BC 96/042 was developed for use in the manufacture of conditioning shampoos and other hair care products. It's fine particle size and high viscosity silicone make it ideal in this type of formulation where it provides a high quality

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Typical Properties

| | |
|--------------------------|--|
| Specific gravity (25°C): | 1.0 |
| Appearance: | White, mobile emulsion |
| Percentage silicone: | 60 |
| CTFA/INCI designation: | Dimethiconol (and) TEA-Dodecylbenzene Sulphonate |

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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