

Product Information

Personal Care

BC 90/080 Dimethicone Emulsion

INCI name: Dimethicone (and) Isolaureth-6

Description

Basildon Chemicals 90/080 Dimethicone Emulsion is a mechanical emulsion of high viscosity polydimethylsiloxane.

Product Features

1. Stable emulsion of high viscosity silicone fluid.
2. Good compatibility with other emulsions.
3. Minimal batch-to-batch variation.
4. Can be diluted to various concentrations by simple addition of water.

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 90/080 Dimethicone Emulsion is being included and the other ingredients involved. No fixed method of addition can therefore be given for all products.

Applications

BC 90/080 Dimethicone Emulsion was developed for use in the cosmetics and toiletries industry where it was necessary to include silicone in an aqueous formulation. The particle size and stability of the emulsion provides for good compatibility with the finished product.

Toxicity and Handling

BC 90/080 Dimethicone 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. Gloves and goggles should be used during handling. 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 90/080 Dimethicone 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:	White, viscous emulsion
Percentage silicone:	50
CTFA/INCI designation:	Dimethicone (and) Isolaureth-6

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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