

BC SIMETHICONE ANTIFOAM C100LV

Description

Basildon Chemicals Simethicone Antifoam C100LV is a 100% active Silicone Compound.

Product Features

- Low Viscosity
- Low Volatile Content
- Compliance with EP & USP

Typical Properties

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

Method of Use

Simethicone C100LV is designed to be used in the formulation of antacid & antiflatulant preparations for oral consumption. There are two main dosage forms in which it is used; compressed tablets and soft gel capsules. It is mainly used neat but can be combined with other non-aqueous ingredients before use, if required. In tablet production it is often pre-absorbed onto powder carriers such as starches & sugars prior to tabletisation.

The low viscosity of this product makes it very easy to handle and it lends itself to the production of soft gel simethicone capsules where higher viscosity simethicone compounds are difficult to fill.

Applications

Simethicone C100LV is recommended for use in the production of antacid / antiflatulant oral dosage forms. Mainly tablets and soft gel capsules. Through these dosage forms, it helps to free trapped intestinal gas which causes bloating and discomfort. Active levels of simethicone vary but are typically between 20mg to 100mg per dose.

Regulatory Status

Simethicone C100LV is manufactured under GMP conditions & complies with the following monographs:

Simeticone EP (PhEur)

Simethicone USP (US Pharmacopoeia)

Toxicity and Handling

The components of Antifoam C100LV have a very low order of toxicity, although prolonged contact with the skin or contact with the eyes may cause some irritation. See our Antifoam Health and Safety sheet for more information.

Storage and Shelf Life

Store under cool conditions. When stored at below 32°C Antifoam C100LV has a shelf life of 24 months from the date of shipment. Some slight settling of silica may occur, but this can be easily reconstituted by stirring.

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
Viscosity:	600 to 700cP (25°C)
Appearance:	Translucent liquid
Silica content:	4 – 7%
Heavy Metal Content:	< 5ppm
Percentage Volatiles:	< 1.0%

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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