

BC SIMETHICONE ANTIFOAM C100EP

Description

Basildon Chemicals Simethicone C100EP is a highly effective 100% silicone antifoam compound which has been developed specifically for pharmaceutical applications. This compound conforms to the current monograph of the European Pharmacopoeia.

Product Features

1. Outstanding reliability and versatility.
2. Highly effective in foam control.
3. Acceptable for use in pharmaceutical products under European Union regulations.

Typical Properties

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

Method of Use

Incorporating this product into tablets and gel preparations is a specialised pharmaceutical process. Although in general, we do not advise on this, we do have some limited experience on this subject and this is freely available to both customers and potential customers.

Applications

BC Simethicone C100EP can be used as an ingredient in antifatulent preparations for treatment of intestinal gas and bloating in humans. The use of silicone antifoams in the treatment of this condition is both well known and widely reported.

The application of silicone antifoam is thought to produce a coalescence of the gas bubbles producing free gas which can then be more easily removed by belching or passing flatus.

BC Simethicone C100EP is normally recommended for antifatulent preparations in gel or tablet form. Simethicone C100EP can also be used in

suppressing frothy bloat in cattle, either on its own or supplied with other ingredients in a drench form or combined with salt licks.

Toxicity and Handling

The components of BC Simethicone C100EP have a very low order of toxicity, although prolonged contact with the skin or contact with eyes may cause irritation. See our Antifoam Health & Safety sheet for more information.

Certificate of Analysis

BC Simethicone C100EP complies with the current EP specification. Generally certificates of analysis are required by customers for all purchases of raw materials for their pharmaceutical products. We produce a certificate of analysis for each batch of these pharmaceutical products and this is available to all customers for each delivery.

Storage and Shelf Life

This product should be stored below 32°C. Some settling of the contents may occur with time, but the product can easily be reconstituted by simple stirring. Shelf life of the unopened container is 2 years from date of manufacture. If you wish to use the product after this time please contact us for approval.

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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SIMETHICONE C100EP

Typical Properties (EP Test Methods)

Acidity:	<3ml of 0.01M NaOH
Mineral Oils:	<0.1ppm (as quinine sulphate)
Phenylated compounds:	<0.2 Absorbance
Percentage volatility:	<1.0
Heavy Metal Content:	<5ppm
% PDMS	90.5% - 99.0%
% Silica	4.0% - 7.0%
Efficiency:	<15 seconds

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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