

BC SIMETHICONE ANTIFOAM PD30

Description

Basildon Chemicals Antifoam PD30 is a highly effective silicone based antifoam emulsion which has been developed specifically for pharmaceutical applications requiring a concentrated form of silicone antifoam emulsion.

Product Features

1. Outstanding reliability and versatility.
2. Highly effective in foam control.
3. Acceptable for use in pharmaceutical products under most countries regulations.
4. Available in easy-to-use emulsion form.

Typical Properties

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

Method of Use

Antifoam PD30 disperses easily in both hot and cold aqueous systems, requiring only mild agitation to disperse it completely in the foaming system. For maximum efficiency and economy we recommend the antifoam be diluted with water before use, in the ratio of one volume of Antifoam PD30 to nine volumes of cool soft or deionised water, the water being added slowly to the antifoam with continual low-shear agitation. For best results the diluted antifoam should be used within twelve hours of dilution. We can advise on suitable stabilisers when diluting Antifoam PD30. The quantity of antifoam required can only be found by experiment. In general between 100 and 500ppm of the product is all that is required (500ppm = 0.5 litres of product per 1000 litres of foaming media).

Applications

Antifoam PD30 can be used as ingredients in anti-flatulent preparations for the treatment of intestinal gas and bloating in humans and animals.

The use of silicone based antifoams in the treatment of this condition is both well known and widely reported. The application of the 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.

Certificates of Analysis

Antifoam PD30 complies with the current USP 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 freely available to all customers for each delivery.

Toxicity and Handling

The components of Antifoam PD30 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

The product should be stored below 32°C and ideally should not be allowed to freeze. Shelf life of the unopened container is 24 months 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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Typical Properties

Percentage silicone:	30
Specific gravity (25°C):	1.0
Appearance:	Off white viscous emulsion

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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