

ANTIFOAM FD50K

Description

Basildon Chemicals Antifoam FD50K is a highly effective silicone based antifoam emulsion developed for use in the food industry as a processing aid. Antifoam FD50K has been especially formulated for export markets requiring a concentrated form of silicone antifoam emulsion.

Product Features

1. Outstanding efficiency and versatility.
2. Economical in use.
3. Available in easy-to-use emulsion form.
4. Dilutions for resale made from concentrate using thickeners.

Typical Properties

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

Method of Use

Antifoam FD50K 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 part of Antifoam FD50K to forty nine parts 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. 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).

Trace Analysis of Foodstuffs for Silicone

We are able to advise customers on analytical methods for determining trace quantities of silicone in foodstuffs.

Applications

Antifoam FD50K is recommended for a wide variety of aqueous processes (for non-aqueous applications we normally recommend Antifoam C100F).

Antifoam FD50K is used as a processing aid for a wide variety of food processes including the following:

Bottle washing
Brewing
Evaporation and dehydration of foodstuffs
Fermentation processes
Low foam washing formulations
Paper coating
Pickle processing
Potato crisp manufacture
Sugar beet processing
Sugar molasses
Vegetable processing
Vinegar manufacture

For regulatory advice contact Basildon Chemicals at the address below.

Toxicity and Handling

The components of Antifoam FD50K 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 12 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:	50
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.