

# ANTIFOAM FDK

## Description

Basildon Chemicals Antifoam FDK is a highly effective silicone based antifoam emulsion which has been developed for food use as a processing aid in the food industry.

Antifoam FDK is certified Kosher and Parev by the Manchester Beth Din.

## Product Features

1. Outstanding reliability and versatility.
2. Highly effective, enabling attainment of foam control with minimum addition of non-nutrient additives.
3. 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 FDK 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 FDK 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. 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 FDK is recommended for a wide variety of aqueous processes (for non-aqueous applications we normally recommend Antifoam C100F).

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

Animal feedstuffs/Animal by-products  
Evaporation and dehydration of foodstuffs  
Fermentation processes /Jam manufacture  
Low foam washing formulations  
Paper coating  
Petfood manufacture  
Potato crisp manufacture  
Vinegar manufacture  
Water treatment including swimming pools

For regulatory advice contact Basildon Chemicals at the address below.

## Toxicity and Handling

The components of Antifoam FDK 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. Some separation can occur during this time. The product can be reconstituted by shaking or stirring. 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.

## Basildon Chemical Company Limited

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## Typical Properties

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Percentage silicone:	10
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Specific gravity (25°C):	1.0
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Appearance:	Off white, viscous emulsion
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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.

April 2009