

# ANTIFOAM C100K

## Description

Basildon Chemicals Antifoam C100K is a 100% active silicone compound which has been manufactured to Kosher standards. It is highly effective as a processing aid developed for use in a variety of Kosher and vegetarian aqueous and non-aqueous food industry foaming problems. Antifoam C100K is a translucent, viscous, pseudoplastic compound of polydimethylsiloxane fluid and silica filler. It is tasteless with a slight, but not unpleasant odour. It is also used where non-animal origin status is required.

## Typical Properties

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

## Method of Use

Antifoam C100K may be applied neat or dispersed in a permitted food solvent. An alternative is to dilute the Antifoam C100K in either one of the ingredients of the foaming medium or in a small quantity of the foaming medium itself. The quantity of antifoam required can only be found by experiment. In general between 10 and 100ppm of the product is all that is required (100ppm = 0.1 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 C100K is recommended as a processing aid for a wide variety of food applications including the following:

- Adhesives
- Bottle washing
- Deep fat frying
- Edible oil processing
- Fermentation processes
- Paper coating
- Yeast processing

For regulatory advice contact Basildon Chemicals at the address below.

## Toxicity and Handling

The components of Antifoam C100K 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. 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 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

Specific gravity (25°C):	1.0
Flash point (open cup ASTM-D-92-33):	>300°C
Colour:	Translucent, grey
Silica content:	6%

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