

ANTIFOAM C100N

Description

Basildon Chemicals Antifoam C100N is a translucent, low viscosity compound of polydimethylsiloxane and silica filler. It is tasteless with a slight, but not unpleasant odour.

Product Features

1. Highly effective, works at ppm concentrations.
2. Completely reliable, minimal batch to batch variation.
3. Extremely stable, both on storage and in the foaming system itself.
4. Enables plant to be used to capacity, operations speeded up and production increased.

Typical Properties

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

Method of Use

Due to its low viscosity Antifoam C100N has been found to be easier to disperse in certain foaming mediums than conventional silicone compounds. The recommended method of use is to disperse Antifoam C100N in the foaming medium before metering this concentrate to the bulk liquid. For edible oil processing this means making a dispersion of 4% Antifoam C100N in the oil using high shear mixing and adding enough of this concentrate to the bulk to give Antifoam C100N a level of 2 ppm in the oil. 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).

Applications

Antifoam C100N is effective in many processes in the food industry. The main areas of use are in deep fat frying, edible oil processing and liquid detergent concentrates, although Antifoam C100N has potential applications in many industries. In all these processes Antifoam C100N's low viscosity and consequent ease of dispersion has made it preferable to conventional silicone compounds.

For regulatory advice contact Basildon Chemicals at the address below.

Toxicity and Handling

The components of Antifoam C100N 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

Viscosity (25°C):	600cP
Specific gravity (25°C):	1.0
Colour:	Translucent
Flash point (open cup ASTM-D-92-33)	>315°C
Percentage active content:	100

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