

ANTIFOAM FG10

Description

Antifoam FG10 is a highly effective silicone based antifoam emulsion, which has been developed for use in the food industry and in other applications where quick knockdown of foam is required.

Product Features

- ◆ Designed to be durable in food processing applications
- ◆ Stable to high shear.
- ◆ Outstanding reliability and versatility.
- ◆ Highly effective, enabling attainment of foam control with minimum addition of non-nutrient additives.
- ◆ 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 FG10 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. 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 FG10 is recommended for a wide variety of aqueous processes (for non-aqueous applications we normally recommend Antifoam C100F) including the following: Food and food additives processing; Chemical manufacturing and formulations; Water and effluent treatment.

Antifoam FG10 is effective in many food processing applications where its high efficiency and speed of knockdown make it a very versatile foam control agent.

In manufacturing of a wide range of chemicals and subsequent compounding and formulating, Antifoam FG10 offers many advantages. As well as its effectiveness, the inert nature of the

product and the low levels of addition mean that there will be minimal interference in the process and subsequent applications.

The product is ideally suited for use in water and effluent treatment. It is easily diluted with water making addition easy. Its non-toxic properties mean little interference with biological treatment processes

For regulatory advice contact Basildon Chemicals at the address below.

Toxicity and Handling

The components of Antifoam FG10 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

Specific gravity (25°C):	1.0
Percentage silicone:	10
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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