

# ESCA™ FD20PK ANTIFOAM



## Description

Esca™ FD20PK Antifoam is a highly effective silicone based antifoam emulsion, which has been developed for brewing, food processing and other applications where a quick knockdown of foam is required.

## 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.
4. Easily extracted from beer by normal filtration processes.

## Typical Properties

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

## Method of Use

Esca FD20PK 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 Esca FD20PK to nine volumes of cool soft or deionised water, the water being added slowly to the antifoam with continual lowshear 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

Esca FD20PK is effective in a wide variety of food applications including brewing and other fermentation processes. For regulatory advice contact Basildon Chemicals at the address below.

## Toxicity and Handling

The components of Esca FD20PK 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. The shelf life of the unopened container is 24 months from date of manufacture, the product must be mixed thoroughly before use and 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 Co. Ltd.

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## Typical Properties

Percentage silicone:	20
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.

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