

# ANTIFOAM TX

## Description

Basildon Chemicals Antifoam TX is a silicone based antifoam emulsion which has been developed specifically for the textile industry.

## Product Features

1. Outstanding antifoaming efficiency, reliability and versatility.
2. Improves level dyeing by removal of foam and entrained air in the dyebath.
3. Prevents flotation problems, again improving level dyeing.
4. Essentially non-ionic emulsifying system.
5. Complete compatibility with most textile auxiliaries.
6. Extremely stable, both on storage and especially in high temperature aqueous systems.
7. Excellent dispersability in both hot and cold aqueous systems.

## Typical Properties

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

## Method of Use

Antifoam TX 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 TX 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).

## Applications

Antifoam TX is an effective, stable antifoam in all types of textile applications including sizing, scouring, bleaching and all types of dyeing, including HT, printing and finishing processes. Antifoam TX contains a small percentage of anionic thickener. Because of this, our Antifoam APM is recommended for use in cationic systems.

## Toxicity and Handling

The components of Antifoam TX 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

Percentage silicone:	10
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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