

# ANTIFOAM AR

## Description

Antifoam AR is an antifoam emulsion developed for use in Detergent and Textile applications.

## Product Features

- ◆ Outstanding antifoaming efficiency, reliability and versatility
- ◆ Extremely stable, both on storage and especially in high temperature aqueous systems.
- ◆ Excellent dispersibility in both hot and cold aqueous systems.
- ◆ Stable to high shear.
- ◆ Durable under alkaline conditions.

## Typical Properties

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

## Method of Use

Antifoam AR 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 part of Antifoam AR to nine parts 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).

## 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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## Applications

Antifoam AR 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.

## Toxicity and Handling

The components of Antifoam AR 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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