

## AF1500 FG

### Silicone Antifoam 100% Solids Food Grade

#### Introduction

This antifoam is a 100% active silicone based antifoam compound. It is particularly effective in suppressing foam in many non-aqueous systems e.g. lubricating oils and can be employed in certain highly dispersed aqueous products e.g. agrochemical flowable formulations.

It complies with the US Food and Drug Administration Regulations as detailed in the text

#### Key Features

- 100% active
- FDA compliant
- Suitable for non-aqueous processes

#### Use and Cure Information

#### Pharmaceutical Regulations

The Silicone polymer in this antifoam meets the specification for DIMETHICONE in the British Pharmacopoeia Addendum 1993 at Page 227, and the specification for DIMENTICONUM in the European Pharmacopoeia 1982, 2nd Edition, 4th Fascicule at Page 138. The compound meets the specification for SIMETHICONE as described in the US National Formulary NF XX.

#### Food Regulations

The components of this antifoam comply with the US Code of Federal Regulations Title 21, Part 173.340 and any subsequent parts governed by this section.

#### Applications

It is applied to knock down as to prevent foam for the production of:

- Cooking oils
- Lubricating oils
- Antibiotic fermentation
- BTX Extraction (Sulpholane Process)
- Agrochemical flowable formulations
- Distillation

It can be used either as supplied or diluted with suitable diluents to the desired concentration, depending on the characteristics of the system. The concentration required for good foam control depends on the process where it is employed. If there is no previous experience of a foam problem, it is generally suggested to start with a concentration of 50 ppm of active silicone and then to adjust the amount upwards or downwards in order to determine the most cost effective concentration.

#### Health and Safety:

Safety Data Sheets available on request.

#### Packaging:

CHT Antifoams are available in a variety of packaging and sizes including drums and IBC's. Please contact our sales department for more information.

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Property	Test Method	Value
% Silicone		100 %
% Solids		100 %
Appearance		Translucent Liquid
Colour		Translucent
FDA	CFR (21) 177.2600	Yes
SG	BS ISO 2781	1.01
Silicone Yes/No		Yes
Viscosity A-Part mPas	Brookfield	1750 mPas
<b>Storage</b>		
Max storage temperature °C		30 °C
Min storage temperature °C		5 °C

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