

AF 25030 (AF 21) 30 % Non-silicone Antifoam

Introduction

AF 25030 is a 30% active non-silicone antifoam. It has been specially formulated to offer the user excellent foam control and eliminate the problems sometimes caused by silicone antifoams in paper processing, inks, print, biological water treatment plants and in finishing formulations for textile and leather markets.

Key Features

- High antifoaming activity
- Resistant to wide pH range

Applications

Antifoam AF 25030 can be used in textile and leather industry for processes as:

- WATER TREATMENT
- PRINTING
- FINISHING
- PAPER

In chemical industry it is applied to knock down as to prevent foam for the production of:

- EFFLUENT TREATMENT (biologic treatment)
- TEXTILE INDUSTRY (printing, cleaning)
- PRINTING INKS

The effective concentration of AF 25030 required to control foam will depend on many factors such as pH, temperature, nature of the foamable formulation and the concentration of surface active materials and their types..

How to Use

AF 25030 should be used as received. It is recommended that containers are shaken or rolled to ensure homogeneity before use. The antifoam should be mixed into the product or formulation either as part of the mixing cycle i.e. for foam control during processing; or towards the final mixing stages for foam control after storage.

Mixing should be sufficient to disperse AF 25030 uniformly throughout the product. The types of mixers required will depend on the viscosity of the product.

Concentration of AF 25030 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 500 ppm and then to adjust the amount upwards or downwards in order to determine the most cost effective concentration.

Property*	Test Method	Value
Colour:		milky white
Appearance:		liquid
Viscosity at 25°C:	Brookfield	mPa.s
Density at 25°C:	BS 5350 Part B1	g/cm ³
pH:		
Defoaming Activity:		ppm
Solids Content:	30%	
Active Content:	30%	

Suitable Diluents

Water

Health and Safety

Available on request

Packages

180 kg. Drums; IBC 900 kg.

Storage and Shelf Life

Over six months. This product should be stored between 5 and 30°C in clean sealed containers. The product should not be allowed to freeze.

Revision Date: 02-2006

* The details are merely typical properties not specifications.