



Akasil® Antifoam FD Series

Silicone antifoam emulsion

Description

Akasil® Antifoam FD Series is a range of food grade, silicone based antifoam emulsions. The Silicone content ranges from 10 to 30%.

Application

Akasil® Antifoam FD Series are highly effective, water soluble silicone based antifoam emulsions which have been developed specifically for food processing applications such as:

- Fermentation (beer, bacterial)
- Poultry (egg washing)
- Fruits and vegetable processing (raw fruits & vegetables, wax coating, potato processing)
- Slaughterhouses (entry of proteins / blood into sewage work)
- Beverages
- Dairy and non-dairy products
- Brine
- Sugars, jams, syrups

Features

- Outstanding reliability and versatility.
- Suitable for products with high salinity.
- Available in easy-to-use emulsion form.
- Good high temperature performance.

Benefits

- Acceptable under official EU and US food regulations.
- Outstanding reliability and versatility.
- Highly effective enabling attainment of foam control with minimal addition of non-nutrient additives.

Warranty: The information given in this product data sheet are believed to be fully accurate. However, BRB International BV shall not be liable for its content and make no warranty with respect thereto. For additional information we request you to contact BRB International BV visit our web-site: www.brb-international.com



Typical Data

Parameter	Unit	Value
Appearance		liquid
Specific gravity by 25 °C		1.0
Colour		white
pH		4.5 - 9.0
Recommended dilutant		Soft or deionised water
Akasil® Antifoam		
		FD10 FD20 FD 30
Solid content	%	15 30 45
Silicone content	%	10 20 30

Akasil® Antifoam FD Series contain the following E numbers:

- E 218
- E 415
- E 431
- E 491
- E 551
- E 900

How to Use

The antifoam 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, however, we recommend the antifoam be pre-diluted with water before use, in the ratio of one volume of **Akasil® Antifoam FD Series** to four volumes of cool soft or deionised water, the water being added slowly to the antifoam with continual low shear agitation. The diluted antifoam should be used within twelve hours of dilution for best results. If diluted antifoam required to be stored for several days, additional preservative is required to ensure proper preservation. If the production system is equipped with agitation system to disperse the antifoam adequately, **Akasil® Antifoam FD Series** could be added directly without the need of per-dilution.

The quantity of **Akasil® Antifoam FD Series** required to control foaming can only be found by experiment. In general, between 0.01 and 0.5 g/l of as supplied antifoam is all that is required. Apart from storing the emulsion under reasonably cool conditions, no special storage precautions need to be taken.

A Product Safety Data Sheet should be obtained from your BRB office prior to use. **ATTENTION:** Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.