Technical Data Sheet
Allcosil 10G FG

Introduction:

Allcosil 10G FG is a highly effective silicone based antifoam emulsion which has been developed for food use as a processing aid in the food industry.

Allcosil 10G FG is certified Kosher and Parev by the Manchester Beth Din.

Allcosil 10G FG offers:

1. Outstanding reliability and versatility.
2. Highly effective, enabling attainment of foam control with minimum addition of non-nutrient additives.
3. Available in easy-to-use emulsion form.

Uses:

Allcosil 10G FG is recommended for a wide variety of aqueous processes.

Allcosil 10G FG is used as a processing aid for a wide variety of food processes including the following:

- Animal feedstuffs/Animal by-products
- Evaporation and dehydration of foodstuffs
- Fermentation processes /Jam manufacture
- Low foam washing formulations
- Paper coating
- Pet food manufacture
- Potato crisp manufacture
- Vinegar manufacture
- Water treatment including swimming pools

Typical Characteristics:

Product Description			
	Appearance	Off white, viscous emulsion	
Composition			
	Substance	**% by Weight**	
	Silicone	10	
Properties			
	Property	**Unit**	**Value**
	Specific Gravity @ 25°C	-	1.0

Application/ How to Use:

Allcosil 10G FG 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 **Allcosil 10G FG** 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).

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Shelf Life:

The product should be stored below 32ºC and ideally should not be allowed to freeze. Shelf life of the unopened container is 12 months from date of manufacture. Some separation can occur during this time. The product can be reconstituted by shaking or stirring. If you wish to use the product after this time please contact us for approval.

Packaging:

200-kg drums, 1,000-kg IBCs

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.

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