



# Defoam FG-10

**DEFOAM FG-10 is exclusively manufactured and distributed by Syndel**

DEFOAM FG-10 is a food grade, silicone based defoamer for use in eliminating surface foam in tanks containing fish, especially during transport and anesthesia.

### Benefits

- DEFOAM FG-10 will eliminate surface foam which can interfere with air to water oxygen exchange.
- DEFOAM FG-10 is water dilutable, effective at very low concentrations and is easy to use and disperse.
- DEFOAM FG-10 contains 10% food grade silicone compound, which qualifies under CFIA & FDA regulations for use in foods.

### Presentation

- DEFOAM FG-10 is available in liquid form and comes in 1, 5 and 55 gallon containers.

### Recommended Dosage & Administration Method

DEFOAM FG-10 is effective at very low concentrations. 10 - 100 ppm (1 - 10 ppm of active ingredient) is sufficient to control foaming in most instances.

The recommended dilution procedure is as follows:

1. Agitate the DEFOAM FG-10 solution prior to use to ensure that the emulsion is homogeneous
2. Add 10 - 100 ppm DEFOAM FG-10 to control foam in most instances.
3. Pre-dilute the desired amount of DEFOAM FG-10 (see chart below) with up to 10 times its volume of cool water to aid dispersion.
4. Add the diluted DEFOAM FG-10 mixture to the foaming solution. Stir or agitate to achieve complete dispersion and efficient foam control.
5. The amount of DEFOAM FG-10 needed will vary depending on water conditions. Start with a low dose and work up until the desired foam control is achieved.

### Amount of DEFOAM FG-10 per Unit of Water

	Desired DEFOAM FG-10 Concentration		
	10 ppm	50 ppm	100 ppm
Per 100 Liters of Water	1.0 ml Defoam	5.0 ml Defoam	10.0 ml Defoam
Per 100 Gallons of Water	3.8 ml Defoam	19.0 ml Defoam	38.0 ml Defoam
	0.13 oz Defoam	0.65 oz Defoam	1.30 oz Defoam



**Syndel** (800) 283-5292 USA  
 (800) 663-2282 Canada  
[www.syndel.com](http://www.syndel.com)



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## Composition

- DEFOAM FG-10 is a 10% active food grade nonionic silicone emulsion of dimethylpolysiloxane
- U.S. Food and Drug Administration (FDA) Status
  - Use of DEFOAM FG-10 antifoam emulsion is permissible in most foods, in concentrations up to 10 ppm of active ingredient in food. Any limitations on use in standardized foods should be observed. (See FDA Regulation 21 CFR 173.340 under dimethylpolysiloxane.)
- Canadian Food Inspection Agency (CFIA) status
  - Permitted Additive in Fish and Fish Products to a maximum level of 10 ppm of active ingredient
- Kosher Acceptance
  - DEFOAM FG-10 antifoam emulsion is acceptable for use in the processing of Kosher foods.

## Stability & Storage

- DEFOAM FG-10 has a shelf life of 1 year from the date of manufacture when stored in a tightly closed container between 20 - 40°C (68 - 104°F).
- If the product is frozen, it can be thawed out, shaken, and used without loss of efficiency.

## Shipping Limitations

- None.

