

Bradán DMS Defoamer (DC1510)

Bradán Defoamer is a defoaming agent approved for use in the food industry. It is based on dimethylsiloxane as the active ingredient and it can be used, in very high dilution, in any aquatic situation where foaming is a problem.

It can be used in conjunction with Virkon® Aquatic when it is being applied in disinfectant concentrations or as an in-water sanitizer, without affecting disinfectant efficacy.

It should be used at the lowest concentration required, but this may vary slightly with the pH of the water, the pressure or turbulence of the system and presence of other substances such as peat in the water. Some minor adjustments to the dose level may therefore be required.

Normally very small amounts are required to prevent foaming, between 0.05% and 0.3% w/v for a 1% disinfectant solution. When making up a 4ppm sanitizing solution, the defoamer should be added to the initial 1% stock solution from which the subsequent dilution to 0.4ppm will be made.

The addition of the defoamer should be made at a level of 0.05% w/v (i.e. 0.5ml of defoamer per litre of 1% stock solution). If this is not sufficient to prevent all foaming the level can be increased to 1.0% w/v, which should be adequate for all practical purposes. If when the foam is dispersed you see any sort of film on the surface of the water then you should reduce the level of application.

Bradán Defoamer can be used without any significant health risk under normal handling and has low acute toxicity rating. However, since it can cause mild irritation to the eyes or the skin if neat solution is splashed onto them, these should be protected when making dilutions. In case of neat product getting into eyes or skin it should be irrigated off with clean water for ten minutes.