

PRODUCT INFORMATION

ANTIFOAM/DEFOAMER NZ-49

DEFOAMER NZ-49 is a highly concentrated modified silicone antifoam developed specially for the treatment of foam problems in water systems. It is a combination of 12% silicone oils plus other non-silicone defoaming agents to give the widest possible use application. It is highly effective in both defoaming and preventing foam formation. DEFOAMER NZ-49 will work well in a wide range of pH and temperatures.

PHYSICAL PROPERTIES:

Color:	White
Physical Form:	Semi-viscous emulsion.
Viscosity:	1700 – 2500 cps
Pounds per gallon:	8.3
pH:	7-8
Type:	Nonionic, modified silicone based.
Solubility:	Readily dispersible in water.
Stability:	Very stable product. If frozen, separation may occur.

APPLICATIONS:

DEFOAMER NZ-49 is most effective in aqueous systems. Depending on the application, concentrations of .01% to .50% may be needed to achieve a suitable defoaming action. In many cases, results can be obtained by using even lower dilutions. It has been determined that to defoam typical waste water with foam caused by nonionic and anionic surfactants that a rule of thumb is to use 1/5 the amount of defoamer to surfactant to prevent foam in waste water. For instance, if you identify that you have 100 ppm soaps for detergents, start with 20 ppm of Defoamer NZ-49.

DEFOAMER NZ-49 is approximately 20% more active than our DEFOAMER WTC-10.

The data and suggested formulations in this bulletin are based on information believed to be reliable and are offered solely for evaluation, investigation and verification of the numerous factors affecting results. Paradigm Lab's products are sold with the understanding the purchasers will make their own tests to determine the suitability of these products for the particular use. We assume no liability or responsibility for any damage to person or property resulting from or incident to the use of our products.

Statements concerning the use of Paradigm Lab's products are not to be construed as recommending the infringement of any patent, and no liability for infringement arising out of any such use is assumed.

PARADIGM LABS, Inc.

P.O. BOX 138, PINE GROVE, PA 17963-0138
(570) 345-2600 – FAX (570) 345-2800