



## TECHNICAL BULLETIN

### FOAM DESTROYER™ 5

#### Silicone Antifoam Emulsion

#### Description:

Foam Destroyer™ 5 is an economical, silicone defoamer emulsion that is effective in a wide range of applications.

#### Applications:

The antifoam agent active in Foam Destroyer™ 5 is based on a high molecular weight polysiloxane and silica technology. It is particularly effective in small amounts in suppressing foam in detergent systems. For high-alkaline and high-temperature applications, the ultra-high molecular weight accounts for its staying power to continue to control foam longer than most conventional silicone/silica defoamers. This product is a general-purpose defoamer designed for defoaming industrial applications and wastewater effluents.

#### Typical Properties:

Property	Characteristic
Appearance	Milky-White Liquid
Solids Content (%)	Ca. 5
pH Value	Ca. 8.0
Ionic Character	Nonionic

Note: These figures are intended as a guide and should not be used in preparing specifications.

#### Storage Stability:

Foam Destroyer™ 5 has a shelf life of at least six (6) months from the date of the delivery note if stored in tightly-closed containers at temperatures not exceeding 25°C and protected against freezing. Continued storage beyond the designated shelf life does not necessarily mean the material cannot be used. However, renewed testing of the most important properties is imperative.

#### Safety Instructions:

Comprehensive instructions are given in the corresponding Material Safety Data Sheet. This information is available upon request from TayChem Industries, Ltd.

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