



TECHNICAL BULLETIN

FOAM DESTROYER™ 830

Ready-To-Use, Water-Based, Pulp Defoamer Emulsion

Description:

Foam Destroyer™ 830 is a low-viscosity, “free-rinsing,” highly-efficient, water-based, silicone antifoam emulsion. This product was especially developed for use in pulp mills. It is very economical and has significant knockdown and excellent, sustaining antifoam power.

Applications:

Foam Destroyer™ 830 acts primarily as an antifoam agent and drainage aid and can be added at various stages during the manufacturing process. It is dilution-stable with proper back-thickening.

Foam Destroyer™ 830 is mainly applied to pulp washing and screening processes, but is also effective during bleaching and in effluent treatment.

Foam Destroyer™ 830 can be used undiluted. However, to achieve better dispersion, dilution is recommended. We recommend a pre-dilution of 1:1 to 1:3 in cold water. The diluted emulsion, however, should be processed within a few days.

Typical Properties:

Property	Characteristic
Appearance	Milky White Liquid
Solids Content (%)	Ca. 30
pH Value	Ca. 7.0
Ionic Character	Nonionic

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

Storage Stability:

Foam Destroyer™ 830 has a shelf life of at least six months if stored in its original, sealed container at 25°C or 70°F.

Emulsions showing signs of creaming should be agitated before use to assure uniform consistency.

If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application.

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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