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EcwaSil DF20

TECHNICAL DATA SHEET

DESCRIPTION

Combined Silicone & Silicate type Anti-Foam/ Defoamer Emulsion systems.

FORMULATION/COMPOSITION

EcwaSil DF20 is a general purpose Anti-Foamer/ Defoamer for use in any Water-based Systems prone to foaming and aeration. It consists primarily of Polydimethylsiloxane (Silicone Fluid) and hydrophobic solids. These components are practically inert and endow **EcwaSil DF20** with an ability to rapidly knockdown and control foam as well as aiding de-aeration. This can all be achieved at very low dosages thus little or no negative effect is seen within the system being treated. **EcwaSil DF20** is safe to use and handle.

PROPERTIES/APPLICATIONS/USE

EcwaSil DF20 is easily dispersed in both hot and cold aqueous systems. For optimum efficiency and greater economy of use, it is best to pre-disperse the dosage of anti-foam into approximately 20 parts of water before addition to the system being treated - this is particularly important in systems where agitation is low, e.g.- overhead dripping onto surface of foaming media. The actual dosage of anti-foam required can only be established by experimentation, and will depend on such factors as: surfactant type & concentration, temperature and level of agitation/aeration. Even **EcwaSil DF20** is effective from levels as low as 0.01% however general application dosages will be in the 0.05 -0.5% range.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	White, opaque fluid-slightly viscous	Active Ingredients	Polydimethylsiloxane and Silica
Odour	Mild	Total Non-volatile content	21-24%
S.G. (at 20°C)	0.99 - 1.1 g/cm ³	% Active Content	20%
Solubility	Soluble in Water	Emulsifier Type	Nonionic
pH (as manufactured)	7.00 - 8.00	This data does not constitute a specification - please see current "Certificate of Analysis".	

MANUFACTURER/SUPPLIER

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Information
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SAFETY & HANDLING

Always consult the Material Safety Data Sheet before Use



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FEATURES

Easy to disperse in Aqueous systems.
Immediate foam control action.
Excellent de-aeration.
Persistent foam control action.
Effective at very low dosage.
Economical & Safe.

STORAGE

6 months at ambient conditions.

NOTE: Diluted solutions of *EcwaSil DF20* will have no long-term storage stability.

PACKAGING

EcwaSil DF20 is available in

25 Kg - HDPE BLOWPACK
200 Kg - HDPE BLOWPACK
1000 Kg - IBC (FLOBIN)

DISCLAIMER / NON-WARRANTY

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, Ecwamix Chemical Systems cc. disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.



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