



FCD

FOAM CONTROL DISPERSION

FCD 3150

Water based Paint & Varnish Foam Control Dispersion

TECHNICAL DATA SHEET

Rev.3 Date: 23/11/2016

PRODUCT DESCRIPTION

FCD3150 is a 100% active dispersion of mineral oils and wax specifically formulated for controlling foam in most water based paint and varnish systems. FCD3150 performs excellent knock down and hold down of all foam generated by the addition of water; surfactants and agitation.

FCD3150 rapidly disperses with high efficiency at small economic doses. This foam control agent is stable and effective in adverse acidic or alkaline pH conditions. FCD3150 is versatile to use during any stage of the manufacturing process and is 100% silicone oil free. FCD3150 can replace our FCD3100 product.

TYPICAL SPECIFICATIONS

Appearance	Opaque tan liquid
Active solids (%)	100
Gravity Approximately (@20C)	0.78 - 0.88
Viscosity at 25 (Mpas)	>100<700
Packaging	20kg Polyethylene containers 180kg Polyethylene Drums 800kg Schutz Containers

*Typical product data values should not be used as specifications.

COMMON AREAS OF USE

- Water-based paint and coating systems
- Paint pumps/agitators
- Anti-foaming and de-foaming
- Pigment grinding
- Colour match blending under shear/agitation
- Drainage aid

STARTING GUIDE

As a processing additive: FCD3150 can be applied as either a pre-diluted solution, or simply as a concentrate.

Undiluted – general agitation of the system is required until the FCD3150 is completely dispersed within the medium.

Pre-diluted – A pre-dilution of FCD3150 with 0.1 to 0.5 parts by weight of water, or the intended application medium, is readily dispersible, but additional agitation is still recommended. In processing applications as an additive, FCD3150 in concentrations of 10 to 500 ppm can be added under agitation until the dispersion is completely dispersed within the medium.

For end use: FCD3150 can be added directly from the original shipped container into the foaming system provided that agitation is carried out until the dispersion is completely dispersed. A concentration in the range of 0.1 to 0.5% has been determined as a good starting amount for aqueous adhesives and polymerization applications.

PLEASE NOTE

- Testing before formulating should still be carried out as system's ingredients such as resins, solvents and total solids vary in formulations.
- The warranty period without testing is 12 months from date of manufacture, if stored in the original unopened container at 10°C to 30°C. In concentrated form this product will separate during storage, this is normal, thorough agitation will remedy this and the product will still perform as required.
- Material Safety Data Sheets are available upon request.