

Alcoguard 5800

HASE rheology modifier

Hydrophobically modified alkali swellable emulsion.

Specifications

Appearance	White emulsion
pH	2.5-3.5
Solid content	29-31 %
Solution viscosity	12500 - 22500 cps

Characteristics

Density	1.060 g/cc, 8.82 lbs./gallon at 25°C
Specific Gravity	1.06 at 25°C

Notes:

Typical Data are based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Applications

ALCOGUARD 5800 is an associative acrylic rheology modifier designed to function in dispersions or detergents with high levels of surfactants or electrolytes that adversely affect other thickeners. When neutralized to a pH above 7.0, ALCOGUARD 5800 exhibits highly efficient thickening and stabilization performance in a variety of aqueous systems. In some detergents the thickening effect may be achieved at pH significantly below 7 with the proper formulation technique. Incorporate ALCOGUARD 5800 with mixing as last ingredient prior to neutralization. Thickener may be diluted with water to facilitate incorporation in highly viscous formulations. Thickening occurs when the pH of the formulation is raised above a pH of 7.0. Rheology modifier for surfactant systems.

Additional information

Improves flow and rheology of formulated coatings. Easy to handle, supplied as a low viscosity emulsion synergistic thickening with anionic and non-ionic surfactants. Imparts pseudoplastic flow characteristics. Efficient in lower solids latex and pigmented systems. Thickening above pH 7. Use levels of 0.2 - 1% ALCOGUARD 5800 is typically used at levels 0.2-1.0 % (dry) based on total formulation weight.

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Contact Us

USA and Canada

Global Headquarters
Chicago
USA
+1 312 544 7000
ansc-cs@nouryon.com

China

Regional Headquarters
Shanghai
China
+86 21 2220 5000
surfactants.asia@nouryon.com

Europe

Regional Headquarters
Stenungsund
Sweden
+46 303 850 00
surfactants.europe@nouryon.com

South East Asia

Regional Headquarters
Singapore
+65 6635 5183
surfactants.asia@nouryon.com

South America

Regional Sales Office
Itupeva
Brazil
+55 11 4591 8938

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