

Alcoguard 5800

HASE rheology modifier

Hydrophobically modified alkali swellable emulsion.

Specifications

pH	2.5-3.5
Solid content	29-31 %

Characteristics

Appearance	White emulsion at 25°C
Density	1060 kg/m ³ at 25°C
Molecular weight average	500000

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.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

ALCOGUARD is a registered trademark in many countries.

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

The Nouryon logo consists of the word "Nouryon" in a bold, orange, sans-serif font. The letter "N" is stylized with a vertical bar on its left side.