

Witbreak GBG-3172

Oxyalkylated Phenolic Resin

Nonionic resin oxyalkylate water in oil demulsifier

Specifications

Appearance	Dark amber liquid at 25°C
Moisture	≤ 0.50 %
Relative Solubility Number	11.0-12.0

Characteristics

Appearance	Liquid dark amber at 25°C
Brookfield viscosity, 77°F	10000 cps
Density	8.6 Lbs/Gal at 25°C
Flash point	62.8 C
Odor	Bland
pH	7 (5% in 3:1 IPA/H2O)
Pour point	-3.9 °C
Relative Solubility Number	10.6
Water content	≤ 0.5 %
Solubility: 10% in Isopropyl Alcohol	Soluble
Solubility: 10% in Kerosene	Insoluble
Solubility: 10% in Water	Insoluble
Solubility: 10% in Xylene	Soluble
Solubility: 50% in Aromatic 150	Soluble
Solubility: 50% in Isopropyl Alcohol	Soluble
Solubility: 50% in Kerosene	Insoluble
Solubility: 50% in Water	Insoluble
Solubility: 50% in Xylene	Soluble

Notes:

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

Applications

Witbreak GBG-3172 is a resin oxyalkylate. This emulsion-breaker works by effectively neutralizing the strength of the natural emulsifying agent, allowing the finely dispersed water droplets to coalesce. As the tiny water droplets merge into progressively larger and heavier drops, the water settles and the oil rapidly rises to the top. The result is a sharp, well-defined oil/water interface and bright, clean and marketable oil.

Additional information

Witbreak GBG-3172 is one of Nouryon's line of high performance emulsion-breaker chemicals. Witbreak GBG-3172 has been specially developed to provide fast resolution of stable emulsions in which water is the internal phase and oil is the external phase. Witbreak GBG-3172 displays exceptional water dropping, desalting and oil brightening characteristics. It's unique chemistry enables this intermediate to be formulated to achieve very specific applications for the economical treatment of a wide variety of crudes including waste oils. Finished formulations may be used in typical continuous treatment systems as well as downhole and in batch applications, optimizing the oil treatment process.

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.

WITBREAK 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 a stylized orange 'N' followed by the word 'ouryon' in a lowercase, sans-serif font, all in orange.