

# Witbreak DRI-9026

propoxylated phenol polymer

A polymerized polyol

## Specifications

Appearance	Amber liquid at 25°C
Moisture	≤ 0.50 %
pH	6.0-8.0 (5% in 3:1 IPA/H <sub>2</sub> O)
Relative Solubility Number	5.5-5.9

## Characteristics

Appearance	Liquid, Slightly hazy amber at 25°C
Brookfield viscosity, 77°F	5700 cps
Density	8.2 Lbs/Gal at 25°C
Flash point	72 C
Odor	Mild solvent
Pour point	12.2 °C
Relative Solubility Number	5.7
Water content	≤ 0.5 %
Solubility: 10% in Aromatic 150	Soluble
Solubility: 10% in Isopropyl Alcohol	Slightly soluble
Solubility: 10% in Kerosene	Insoluble
Solubility: 10% in Water	Partially dispersible
Solubility: 10% in Xylene	Soluble
Solubility: 50% in Aromatic 150	Soluble
Solubility: 50% in Isopropyl Alcohol	Slightly soluble
Solubility: 50% in Kerosene	Soluble
Solubility: 50% in Water	Partially dispersible
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 DRI-9026 is an polymerized polyol. Witbreak DRI-9026 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 DRI-9026 is one of Nouryon's high performance emulsion-breaker chemicals. Witbreak DRI-9026 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 DRI-9026 displays exceptional water dropping, desalting and oil brightening characteristics. It's unique chemistry enables this intermediates 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.

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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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