

Witconate AOS-12

Alpha Olefin Sulfonate, Sodium Salt

Sodium C12 Alpha Olephin Sulfonate freshwater & brine foamer

Specifications

Appearance	Clear amber liquid at 25°C
Color	0-400 Klett
Free oil	(report) %
pH	10.0-11.0 (5% in water)

Characteristics

Density	9 Lbs/Gal at 25°C, 9 lbs. / gallon at 25°C
Flash point	≥93.3 C
Odor	Mild
Pour point	-5 °C
Solid content	40 %
Specific Gravity	1.08 at 25°C
Water content	60 %
Solubility: 10% in 9 lbs/gal Brine	Dispersible
Solubility: 10% in Aromatic 150	Dispersible
Solubility: 10% in Kerosene	Dispersible
Solubility: 10% in Water	Soluble
Solubility: 50% in 9 lbs/gal Brine	Dispersible
Solubility: 50% in Aromatic 150	Dispersible
Solubility: 50% in Kerosene	Dispersible
Solubility: 50% in Water	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

Witconate AOS-12 is an alpha-olefin sulfonate surfactant that has been specially produced by Witco to exhibit enhanced foaming performance characteristics in extremely high temperature environments. As a result, Witconate AOS-12 exhibits exceptional thermal stability in addition to outstanding solubility and foam height stability in fresh water systems.

Additional information

Witconate AOS-12 is a unique, high performance foaming agent with broad-spectrum capabilities for the oil and gas industry. Witconate AOS-12 has proven to be highly effective in the unloading of undesirable liquids and particulates from gas producing wells. Witconate AOS-12 exhibits exceptional thermal stability, even in environments with temperatures of up to 400 °F. Witconate AOS-12 is an excellent fresh water foamer delivering maximum results when formulated for cost-effective air/foam drilling operations. Witconate AOS-12 is also an excellent oil/water foamer with significant enhanced oil recovery potential. In addition, Witconate AOS-12 is compatible with a wide variety of other foaming media and additives enabling formulators to select Witconate AOS-12 as an efficient component for very specific well applications.

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.

WITCONATE 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. The 'N' is significantly larger and more prominent than the rest of the text.