

Witconate AOS

Sodium C14-16 Olefin Sulfonate

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Specifications

Color	0-120 (5% active) Klett
pH	6.5-8.5 (12.8% Aqueous)
Active content	38-40 %

Characteristics

Density	8.8 Lbs/Gal at 25°C
Flash point	≥93.3 C
Odor	Bland
pH	7.7 (5 % aqueous solution)
Pour point	-1.1 °C
Specific Gravity	1.06
Viscosity	at 25? 300 max
Water content	58 %
Solubility: 10% in 10 lbs/gal Brine Plus 25% IPA	Dispersible
Solubility: 10% in 9 lbs/gal Brine	Dispersible
Solubility: 10% in 9 lbs/gal Brine Plus 25% IPA	Dispersible
Solubility: 10% in Aromatic 150	Dispersible
Solubility: 10% in Kerosene	Dispersible
Solubility: 10% in Water	Soluble
Solubility: 50% in 10 lbs/gal Brine Plus 25% IPA	Dispersible
Solubility: 50% in 9 lbs/gal Brine Plus 25% IPA	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 is used in cardboard recycling, as well as for air entrainment in cement for the construction industry. Witconate AOS is an alpha-olefin sulfonate surfactant that has been specially produced to exhibit enhanced foaming performance characteristics in extremely high temperature environments. As a result, Witconate AOS exhibits exceptional thermal stability in addition to outstanding solubility and foam height stability in fresh water systems.

Additional information

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

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