

Alcoflow 750

Complex multi polymer

Alcoflow 750 partially neutralized multipolymer, entirely methanol soluble, barium sulfate inhibitor, biodegradable.

Specifications

pH	2.2-3.5
Solid content	34-36 %

Characteristics

Appearance	Dark brown solution
Family	Anionic

Notes:

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

Applications

Topside Barium Sulfate and Calcium Carbonate inhibitor suitable for subsea application via umbilical line. Scale inhibitor component of combination products which use methanol as the mutual solvent i.e corrosion and hydrate inhibitors, demulsifiers. Scale inhibitor may be used for precipitation squeezing using a suitable dication formulation. Methanol soluble scale inhibitor, superior barium sulfate inhibition, biodegradable.

Storage

ALCOFLOW 750 is available in bulk, intermediate bulk and 55-gallon drums. The standard drum is plastic with 500 pounds net weight. ALCOFLOW 750 is of low toxicity. Consult product MSDS for further information. Contact with skin or eyes should be avoided. If ALCOFLOW 750 contacts the eyes, flush with water. If redness or sensitivity occurs and persists, consult a physician. ALCOFLOW 750 should be shipped and stored in 304 stainless steel or better, fiberglass or plastic tanks. Certain phenolic linings are acceptable for use in drums and storage tanks. Mild steel, copper, brass and aluminum should not be used. The above materials of construction also apply to all pipes, valves and pumps used in the application.

Additional information

Product can be co-injected with methanol for combination thermodynamic hydrate and scale inhibition. Product is stable in all proportions with methanol at temperatures from seabed (4°C/39°F) to atmospheric boiling (64°C/147°F). Blending of product with methanol allows for development of high-activity, low-viscosity solutions suitable for long- distance umbilical application. Excellent scale inhibitor performance, particularly for Barium Sulfate scale, but also for other common oilfield scales. Methanol/ethanol blends of the product remain stable below freezing and exhibit very little viscosification. Methanol can be used as a co-solvent to blend combination products of this scale inhibitor together with traditionally organic-soluble components i.e. corrosion inhibitor/demulsifiers. This polymer is sensitive to the presence of high levels of dications in solution. Alco recommends brine compatibility testing to be performed. This product is thermally stable to 130°C or more under oilfield application conditions. Product is 22% biodegradable according to OECD 306. It is not expected to be toxic or to bioaccumulate.

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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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