

Super-Sweep

(Forta Corporation)

FORTA SUPER-SWEEP fiber is specially treated 100% virgin synthetic monofilament fiber that is used as a hole-cleaning agent. When mixed and distributed in various fluids, FORTA SUPERSWEEP enhances the carrying capacity of drilling fluids without increasing the fluid viscosity. Product is non-corrosive, non-magnetic, chemically inert and temperature stable.

Typical Physical Properties

Physical appearance	White monofilament fiber
Length.....	13 mm
Specific gravity	1.0 SG
Softening point	315 C

Applications

FORTA SUPER-SWEEP® fiber is added to a variety of drilling fluids to increase the flow and removal of solids within a well-bore application. FORTA SUPER-SWEEP® fiber suspends easily and uniformly in fresh water, salt water, water-based drilling muds, allowing it to effectively transport solids out of the drilling environment. FORTA SUPER-SWEEP® fiber does not affect the chemistry nor increase the viscosity of the drilling fluid.

FORTA SUPER-SWEEP® fiber is easily added and pre-mixed in the drilling fluid at various concentration levels, depending on the level of solids suspension desired. In water, a minimum dosage of one box (15 pounds) of FORTA SUPER-SWEEP® fiber per 30 barrel sweep has shown to be an effective addition level to remove cuttings and solids. In drilling mud, a minimum dosage of one box (15 pounds) of FORTA SUPER-SWEEP fiber per 60 barrel sweep has proven effective. The fluid with the FORTA SUPER-SWEEP fiber is then introduced by pump suction to the drilling fluids system and circulated through the drilling system. The FORTA SUPER SWEEP® fiber and transported cuttings are removed by the shaker or discharged to the reserve pit.

Advantages

- Effectively cleans the hole without affecting fluids
- Inert and compatible with all OBM and WBM systems
- Easily separated from the mud at shakers

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Eastern Hemisphere
Gamle Forusvei 43
N-4033 Stavanger,
Norway
Phone: +47-51-57-73-00
Fax: +47-51-57-74-51

Western Hemisphere
P.O. Box 42842
Houston, Texas 77242-2842
Phone: 281-561-1300
Fax: 281-561-1441
www.miswaco.slb.com



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Limitations

- Pump through MWD and LWD tools with care

Toxicity and Handling

Bioassay information is available upon request.

Product has no adverse effect on LC50 values

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

FORTA SUPER-SWEEP® fiber is provided in 15 lbs boxes or pails.

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