



# Gas Well Supply

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## Technical Information

### SWEEP

#### PRODUCT DESCRIPTION

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

#### PRODUCT ADVANTAGES

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**SWEEP** fiber is added to a variety of drilling fluids to increase the flow and removal of solids within a well-bore application. **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. **SWEEP** fiber does not affect the chemistry nor increase the viscosity of the drilling fluid.

#### PROCEDURE

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**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 **SWEEP** 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 **SWEEP** fiber per 60 barrel sweep has proven effective. The fluid with the **SWEEP** fiber is then introduced by pump suction to the drilling fluids system and circulated through the drilling system. The **SWEEP** fiber and transported cuttings are removed by the shaker or discharged to the reserve pit.

#### PHYSICAL PROPERTIES

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Material... Virgin Homopolymer Polypropylene	Color.....White
Form ..... Monofilament Fiber	Chemical Resistance.. ....Inert
Specific Gravity ..... 1.0 in Treated Form	Absorption ..... Nil
Length.....1/2 in. (13 mm)	Softening Point ..... 315°F

## **SAFETY AND ENVIRONMENTAL**

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**SWEEP** fiber is non-caustic, non-hazardous, and non-allergenic during handling in the form supplied. **SWEEP** fiber has no adverse effect on LC 50 values.