



INVENTED TO LAST

كيماويات السعودية

Saudi Chem

SC 276 ORGANOVIS

DRILLING INVERT OIL MUD VISCOSIFIER

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

SC 276 ORGANOVIS is enhanced organophilic clay designed for use as a viscosifying anti settling agent in diesel and low toxicity oil based drilling fluids. It is used to increase the yield point and gel strengths of an invert or oil based mud, without significantly affecting the plastic viscosity. It will also a degree of filtration control in synthetic fluids, and emulsion stability in relaxed filtrate systems. **SC 276 ORGANOVIS** is a high grade montmorillonite clay which has been reacted with a quaternary ammonium compound.

TYPICAL PHYSICAL PROPERTIES

Appearance:	Light tan powder
Density @ 20 Deg C:	650 to 800 kg/cubic metre
Moisture content:	2.3%
pH:	7.5 to 8.5

PRODUCT APPLICATION DETAILS

SC 276 ORGANOVIS has found many uses in drilling operations with the following being the most common areas. Diesel and low toxicity invert muds, Synthetic oil based systems, relaxed filtrate muds, Spotting fluid formulations, and Oil mud spacers. The level of **SC 276 ORGANOVIS** required in drilling fluids can vary dramatically depending on the application. In general, diesel based fluids require 2 to 6 ppb depending on the rheology, desired mud weight, and oil/water ratios. Low toxicity, or synthetics invert fluids, however require levels of 4 to 14 ppb depending on the degree of naphthenic or aromatics present in the oil being used, the nature of the emulsifiers, and wetting agents being used.

PRODUCT PACKAGING DETAILS

SC ORGANOVIS is packed in 25 kg multi ply paper sacks.

PRODUCT HANDLING DETAILS

SC ORGANOVIS is not considered harmful, but we strongly recommend the use of dust mask, to avoid inhalation of dust, and goggles to protect the eyes. Contamination to the eyes should be washed away several times with fresh water, and eye drops applied. Contamination to the skin should be washed with soap and water.

SAUDI CHEM P.O. BOX 70108 Al-Khobar 31952 Kingdom of Saudi Arabia

TEL No.: +966 13 812 1166 | +966 13 847 6467 FAX NO.: +966 13 847 6985

E-Mail: solutions@saudichem.com Website: www.saudi-chem.com