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كيماويات السعودية

Saudi Chem

SC 274

DRILLING INVERT FLUID LOSS PRODUCT DATA SHEET

PRODUCT DESCRIPTION

SC 274 is a formulated product of amine treated lignite which is partially soluble at high temperature providing filter loss control in invert oil mud systems. It contains no asphaltic products, and is suitable for use at temperatures in excess of 350 Degrees, unlike asphalt.

TYPICAL PHYSICAL PROPERTIES

Appearance: Black/grey powder

Moisture content@105 °C: 8.0 to 14.0%

Density@20 Deg C: 0.90 to 1.00 gm/cc

PRODUCT APPLICATION DETAILS

SC 274 controls fluid loss at low and high temperatures, down to acceptable levels, which are usually the 10 cc mark using standard HTHP procedures. It has the ability to provide additional emulsion stability due to its cationic chemical nature (i.e. containing quaternary products). The dosage rate for **SC 274** varies with the temperature profile, and the oil/water ratio. Additional amounts are required for the higher temperatures, and the higher levels of water. A general recommendation of dosage is 2 to 5 lbs/bbl for up to 200 Deg F, and 5 to 7 lbs/bbl for 200 to 350 Deg F, and above 350 Deg F use 7 to 10 lbs. It is possible that oil/water ratios above 75/25 will require an additional 1lb per barrel, due to the increased stress on the emulsion stability.

PRODUCT PACKAGING DETAILS

SC 274 is packaged in 25 kg or 50 LB lined sacks.

PRODUCT HANDLING DETAILS

SC 274 is not considered harmful. But it is a powder and should be treated accordingly. Dust masks should be worn together with gloves. Contamination to the skin should be washed with soap and fresh water. Contamination to the eyes should be washed several times with fresh water, and eye drops applied to reduce irritation. A doctor should always be consulted in cases involving eyes.

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