

Product Information

SAPP

PRODUCT DESCRIPTION

SAPP or Sodium Acid Pyrophosphate ($\text{Na}_2\text{H}_2\text{P}_2\text{O}_7 \cdot 6\text{H}_2\text{O}$) is used primarily to sequester Calcium contamination that occurs in water base drilling fluids, and as a thinner.

FEATURES AND BENEFITS

SAPP is an effective dispersant.

SAPP reduces the pH range of the drilling fluid and is normally not used in fluids with a pH range in excess of 9.5.

APPLICATION

SAPP is primarily utilized as to treat Calcium contamination in water base drilling fluids caused by drilling cement.

It is also an effective dispersant for mud rings when water drilling, and as a rapid thinner prior to cementing casing.

RECOMMENDED TREATMENT

In water drilling applications, normally add 1 viscosity cup of SAPP directly into the drill pipe each connection. In areas with very reactive clays, increased treatments will be required.

TYPICAL PHYSICAL PROPERTIES

Appearance	off white powder
PH in 1% solution	4.2
Solubility	readily in water
Specific gravity	1.862
Temp. stability	80°C

AVAILABILITY

SAPP is packaged in 22.68kg bags.