



Product Information

SAPP

GENERAL 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.

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 at 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

HANDLING

SAPP is not a controlled product under the WHMIS classification.

For specific precautions and handling see MSDS information.

AVAILABILITY

SAPP is packaged in 22.68kg bags and is available from HiTech Fluid Systems Ltd.