

SAPP

CALCIUM SEQUESTER/DISPERSANT

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

FEATURES AND BENEFITS:

- Is an effective dispersant.
- Reduces the pH range of drilling fluids; not to be used in fluids with a desired pH range in excess of 9.5.
- Primarily used to treat calcium concentration from cement in water-based fluids.
- Is an effective dispersant for mud rings when water drilling.
- Effective as a rapid thinner prior to cementing casing.

RECOMMENDED TREATMENT:

Typically, one Vis cup added directly into the drill pipe each connection.
In areas with very reactive clays, increased treatments will be required.

PHYSICAL PROPERTIES:

Appearance:	White powder; odourless
Specific Gravity:	1.862
Bulk Density:	1394 kg/m ³
Solubility:	Soluble
pH:	4.2 (1% solution)

MIXING/HANDLING:

As per recommended treatment. Refer to the SDS for specific precautions and handling requirements.

MICROTOX[®] THRESHOLD: TBD

PACKAGING: 25 kg bag / 40 bags/pallet