

PRODUCT DATA

SAPP

Cleaner, Deflocculant

Description SAPP is sodium acid pyrophosphate ($\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$).



Application SAPP is used in a wide variety of industrial processes.

Properties

Physical		Chemical	
<i>Appearance:</i>	Fine white powder	<i>Type:</i>	Acid
<i>Specific Gravity:</i>	1.862	<i>Solubility:</i>	Soluble (13g/100ml water @ 25°C)
<i>Bulk Density:</i>	800 kg/m ³	<i>PH:</i>	4.0 (1% solution)
<i>Melting Point:</i>	650°C	<i>Microtox:</i>	>91 @ (0.25 kg/m ³)

Function SAPP is used as a strong deflocculant (thinner) in fresh water mud systems. SAPP's main application is dispersion of mud rings during water drilling and as a rapid thinner prior to cementing casing.

Mixing For water drilling applications, the typical dosage is one viscosity cup full of SAPP directly into the drill pipe at each connection. More treatments will be required in areas with very reactive clays.

To thin mud prior to cementing, mix SAPP into the circulating mud system as required.

Handling Use a dust mask and eye protection while mixing. Avoid skin contact and do not inhale dust or allow contact with eyes. Do not ingest.

WHMIS: Controlled (see MSDS)

TDG: Not regulated

Packaging: 40 kg bag

Physical properties and bioassay information are available on request.

