

SAPP

SAPP dispersant is a sodium acid pyrophosphate with a pH of approximately 4.0 in a 10% solution.

Typical Physical Properties

Physical appearance	White powder
Specific gravity	1.8 – 1.9
Solubility in water	Soluble in water

Applications

SAPP dispersant is used in much the same manner as polyphosphate dispersants and is subject to the same temperature limitations. Due to its acidic nature, it is especially effective for treating cement contamination.

SAPP dispersant is efficient for bentonite muds and is often used in conjunction with a tannin or quebracho compound. SAPP dispersant can also be used to treat calcium contamination, especially contamination resulting from cement. Because of its acidic nature, SAPP dispersant is not normally used in muds where the pH exceeds 9.5.

Advantages

- Widely available and economical thinner effective for treatment of cement contamination
- Concentrated chemical that is effective at low treatment levels
- Can be used with most water-base mud types

Limitations

- Does not tolerate temperatures above 180°F (82°C)

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

SAPP dispersant is packaged in plastic-lined, multi-wall, paper sacks; packing container sizes vary based on local area of purchase.

Store in a dry, well-ventilated area. Keep container closed. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

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