



Tech Data Sheet

**SAPP DRILLING STICK
SODIUM ACID PYROPHOSPHATE
WATER SOLUBLE TUBE (OFF WHITE)**

Tech Data Sheet

ACL-SAP (AC-SAP)

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Decreased Wear on Shakers-Friction Reducers-Prevents Mud Rings-Bit Balling-PH Reducer

SAPP DRILLING STICKS are condensate-dispersible, water soluble sticks containing a combination of surfactants, blended with a sodium acid pyrophosphate. SAPP Sticks will perform in the presence of salt, or in fresh water systems.

PRODUCT USES & ADVANTAGES:

SAPP Sticks are primarily designed as a *mud thinner/dispersant*. However, other advantages that have been realized from the use of SAPP Sticks include;

- _ Decreased wear on shaker screen due to thinner mud
- _ Friction Reducer
- _ Helps prevent the formation of "mud rings"
- _ Helps prevent bit balling
- _ Calcium Inhibitor
- _ Ph reducer

TREATMENT DETERMINATION & PROCEDURE

The number of SAPP Sticks to be used varies from one drilling operation to the other. The weight of mud, drilling depth and water weight can affect the number of sticks to be dropped. Field test indicates the best results are achieved under normal drilling operations when 1 to 2 (1 1/4x15) sticks were dropped to each joint of drill stem added.

PART NUMBER	STICK SIZES	STICKS PER JOINT ODF DRILL STEM ADDED TO STRING
ACL-SAP	1 1/4 X 15	1 to 3 Sticks per joint drill stem added

NOTE:

This amount recommended is based on past field drilling tests and operating under normal drilling operations and procedures. To determine the optimum amount of sticks required for periodic treatments you may choose to gradually increase or decrease the number of sticks until the most economical treatment point is reached.

FOR INDUSTRIAL USE ONLY:

CAUTION: As with all industrial chemicals, contact with eyes or skin should be avoided. Wash thoroughly with water. Pellets should be stored in a cool dry place. Always remove pellets from the container with the scoop provided while wearing rubber gloves to avoid skin contact. Goggles are advised.

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