



ALTACHEM LTD.

Technical Data Sheet

Altachem Part No: AC-20 Series

EDMONTON STOCK SIZE

TTS-Acid Sticks

TANK TREATING ACID STICKS (Acid Jobs-30% Active)

			Color – Brown	Packaging – Cardboard		
			TDG – Regulated Product	Allowable – Ocean Freight		
ACID STICK SIZE			STICKS INITIAL SLUG TREATMENT		Weight Ea. Stick.	
1 5 / 8 X 18	1,58 X 18	41.275 X 381 mm	1 to 3 Sticks per foot of interval		25.8 oz.	1.7 lbs. 732.075 g.
HS Code	2811.1961.10		Regulations		TDG	
Form	Solid		Melting Point		123°F – 50.5°C	
Color	Brown		Solubility in Water		100%	
pH	1-3		Solubility in Brine		100%	
Specific Gravity		1.2-1.4	Solubility in Crude		Insoluble	

DESCRIPTION

Tank Treating Stick- Acid is a water soluble solid chemical solution which is used to remove carbonate type scale and rust deposits in the oilfield water tanks. The sticks are composed of a combination of acid, surfactant, dispersing agent, and iron sequester.

APPLICATION

TTS - Acid sticks are designed to be dropped through the hatch on the top of the tank. The shape and weight of the stick allows it to fall through the oil phase of a tank and to the bottom of a tank where the sticks dissolves in the water dispersing to treat the fluid with the acid and additives contained in the stick.

TREATMENT DETERMINATION

The number of **TTS-Acid sticks** required depends on the severity of the conditions encountered and the volume of water to be treated. In oil tanks, only the bottoms should be considered when calculating the required dosage. As a rule of thumb, the following application rates are recommended:

Recommended Dosage:

1 TTS-Acid sticks per 15 bbl

Dosage may be adjusted by using the following calculation: Total Weight of Water (lbs) × Desired ppm = Lbs of Stick Required

PRODUCT SPECIFICATIONS

The stick will normally dissolve in 20 to 80 minutes (in moving water) depending on temperature, salt content and relative water motion. **TTS-Acid sticks** are 100% soluble in water. The melting point of the stick is 123°F. The stick will dissolve in water with BHT below 123° (just at a slower rate). Lab tests indicate the dissolving rate in 50,000 PPM moving brine water to be 105 minutes @100°, 38 minutes@120°, 7 minutes@140°, and 2 minutes@180°.The specific gravity is 1.23.

SAFETY & HANDLING

Please review SDS prior to using this product. As with all industrial chemicals, contact with eyes or skin should be avoided. Wash thoroughly with water if contact with skin is made. Balls should be stored in a cool dry place. Always remove ball from plastic bag or cardboard tube before using. Bag or tube can be used as a glove to avoid contact with hands.

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