



ALTACHEM LTD.

Technical Data Sheet

Altachem Part No: AC-05 Series

EDMONTON STOCK SIZE

Select Part No: Defoamer

DEFOAMER STICKS (SILICONE FREE WATER DEFOAMER)

			Color – Beige		Packaging – Cardboard			
			TDG – Non-Regulated Product		Allowable – Air or Ocean Freight			
DEFOAMER STICK SIZES				STICKS INITIAL SLUG TREATMENT		Weight Ea. Stick.		
1 1 / 4 X 15		1.25 X 15	31.75 X 381 mm	2 - 4 Sticks per BBL of Fluid		11.9 oz	0.74375 lbs	337.6625 g.
1 5/8 x 18	1.675 x 18	42.545 x 457.2 mm	½ -1 Sticks Per 1 BBL of Fluid			27.2 oz.	1.7 lbs.	771.107 g.
HS Code		3402.9010.09			Regulations		TDG	
Form		Solid			Melting Point		129°F – 53.8°C	
Color		Beige			Solubility in Water		100%	
pH		5.82			Solubility in Brine		100%	
Specific Gravity		1.15			Solubility in Crude		Insoluble	

DESCRIPTION:

The **Defoamer Stick** is a silicone free defoamer in stick form designed to work in water-based fluids while also addressing foaming issues experienced in the production process. It is made up of a mixture of foam destroying polymers with hydrophobic solids. Virtually all water-based fluids contains additives that contribute foaming challenges found in the drilling process, the **Defoamer Stick** can be used to effectually avoid and/or destroy the formation of foam at the source.

PRODUCT USES & ADVANTAGES

Defoamer Sticks work not only as a high efficiency defoamer, it also provides anti-foaming properties once the stick has been incorporated into the system.

The **Defoamer Stick** works in all fresh water and saltwater that require an anti-foaming agent or defoaming additive.

The **Defoamer Stick** has also been found to be effective in breaking down formation foaming issues in new producing wells, however they are not recommended to be used in conjunction with foam sticks.

TREATMENT DETERMINATION & PROCEDURE FOR WATER REMOVAL

The recommended method for incorporating the **Defoamer Stick** into the system; to drop each stick at the wellhead and let it fall to the rat hole. Since each operation is unique to each situation.

The number of **Defoamer Sticks** needed to treat the fluid will vary. Tests indicate that at a rate of 0.25 - 0.5 lbs of stick per barrel of fluid will produce sufficient results for normal conditions and fluid formulations. A treatment of 100 bbls @ 0.25 - 0.50 lbs of sticks per bbl would require approximately 25 - 50 lbs of sticks or 33-66 sticks.

An alternative method for treatment is to consider that 1 stick treats approximately 3 bbls of fluid. This method would apply to both drilling and production applications.

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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