



ALTACHEM LTD.

Technical Data Sheet

Altachem Part No: AC-25 Series

EDMONTON STOCK SIZE

Select Part No: N/A

LIQUID FOAM SOAP STICKS

(SUPER FOAMER (99.9% Pure) (OK IN CONDENSATE TO 40%))

			Color – Beige	Packaging – Water Soluble Tube
			TDG – Non-Regulated Product	Allowable – Air or Ocean Freight
LIQUID FOAM SOAP STICK SIZES			STICKS INITIAL SLUG TREATMENT	Weight Ea. Stick.
1 1/4 x 15	1.25 x 15	31.75 x 381 mm	1 - 2 Sticks Per 1 BBL of Water	12 oz. 0.75 lbs. 383.5 g.
THE ESTIMATED HYDROSTATIC BACK-PRESSURE REDUCTION FOR EACH BARREL OF WATER REMOVED (FOR VARIOUS TUBING SIZES) IS SHOWN BELOW (BASED ON .43 PSI PER FOOT OF DEPTH)				
2 3/8 "	2.375	60.325 mm	100 PSI REDUCTION FOR 1 BBL OF WATER REMOVED	
2 7/8 "	2.875	73.025 mm	75 PSI REDUCTION FOR 1 BBL OF WATER REMOVED	
3 1/2 "	3.5	88.9 mm	50 PSI REDUCTION FOR 1 BBL OF WATER REMOVED	
HS Code	3402.9010.09	Regulations	NON-TDG	
Form	Liquid inside a WST	Melting Point	122°F – 50°C	
Color	Beige	Solubility in Water	100%	
pH	6.5 - 8	Solubility in Brine	100%	
Specific Gravity	1.16	Solubility in Crude	Insoluble	

LIQUID FOAM SOAP STICKS are concentrated foam sticks that contain 100% active surfactants, in water-soluble tubes. Natural gas bubbling through the water column and the 100% active ingredients produce foam which helps remove water from gas wells.

NOTE:

This amount is recommended for an initial slug treatment. In many cases, removing the top few hundred feet of fluid may often be sufficient to allow the production of natural gas to blow out the remaining fluid in the well. To determine the optimum amount for periodic treatments you may choose to gradually reduce the initial treatment amount until the most economical point is reached. Periodic treatments may be necessary to prevent production decline due to the gradual water build-up. It is much easier to maintain gas production with regular usage of sticks than it is to kick off a dead well. Gas bubbling through water is necessary to create foam. If a well is totally dead, **GAS STICKS** may be used in conjunction with this stick to provide agitation energy.

PRODUCT USES & ADVANTAGES

These sticks are primarily used to remove water from gas wells and increase gas production. This foaming action decreases the hydrostatic backpressure which increases gas production that further enhances the foaming action until the well unloads. This stick contains a 100% active foamer in a water-soluble tube. They can develop stable foam in high brine solutions. They are an economical way to remove water from gas wells without using expensive well service operations.

TREATMENT DETERMINATION & PROCEDURE FOR WATER REMOVAL

Field tests indicate that the best results were achieved by using a larger initial slug treatment of 1/8 to 1/4 Percent by weight of these sticks to water above the perforations. This would require .44 to .88 lb of stick per BBL of water.

THE MOST COMMON PROCEDURE

Is to shut-in the well and drop sticks through a lubricator. Wait 10 minutes until sticks dissolve then slowly return well to normal production. For high rate wells flow well at about 25 percent of pre treatment rate for 30 minutes or until foam reaches surface then return to normal production. For shallow or low rate wells leave well flowing while dropping sticks.

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.

DISCLAIMER OF LIABILITY

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PRODUCT SPECIFICATIONS

The stick will normally dissolve in 12 to 16 minutes depending on temperature, salt hydrocarbon content and relative water motion. The melting point of the sticks is 160 degrees F. The stick will dissolve in water in wells with BHT below 16 degrees (just at a slower rate).

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