



ALTACHEM LTD.

5507-76th Ave, Edmonton, Alberta, Canada T6B 0A7
PH: (780) 414-1445 Canada Toll Free (866) 414-1445
Fax: (780) 414-1446 Website: www.altachem.ca
email: altachem@shaw.ca altachem@telusplanet.net

ACL-065 or AC-065

ALTACHEM INTERNATIONAL

PRODUCT DATA SHEET

SCALE INHIBITOR STICKS (Carbonate Scale Inhibition By Cheleating Action)

		Scale Inhibitor Sticks	
Water Soluble Tube	Color-Tan/White	TDG-Not Regulated	Air Or Ocean Freight
SCALE INHIBITOR STICK SIZES		PER BBL (INITIAL SLUG TREATMENT)	Weight
1 ¼ x 15	1.25 x 15	31.75 x 381 mm	1-2 Sticks Every other Day
			.79 lb

HS Code:	Stick
Form	Stick
Color	White (WST)
pH	6.5-8
Specific Gravity	1.048-1.096

Regulations	Non Regulated
Melting Point	125°F
Solubility in Water	100%
Solubility in Brine	100%
Solubility in Crude	Insoluble

SCALE INHIBITOR STICKS contain chemicals that help prevent carbonate types of scale from depositing down holes in oil and gas wells, casing, tubing, and flow lines. It is also very useful to include Acid Sticks in this type of treatment since the Acid Sticks will remove carbonate types of scale after being deposited and also neutralizing scale that is in the solution.

PRODUCT USES & ADVANTAGES

SCALE INHIBITOR STICKS (type WST) is a water-soluble tube with salt caps and filled with scale inhibitor and dispersing agent. This product does not begin to degrade until the temperature reaches 140 degree's Fahrenheit unless it is falling in water. In water it will dissolve faster; however the scale inhibitor inside the tube dissolves very slowly.

TREATMENT DETERMINATION & PROCEDURE FOR WATER REMOVAL

Treatment using SCALE INHIBITOR STICKS (type WST) varies with the volume of water being produced and should be adjusted for high volume wells. In many cases one (1) or two (2) sticks every other day may be sufficient. Occasional use of Acid Sticks will also be helpful.

PRODUCT SPECIFICATIONS

The stick will normally dissolve in 20 to 80 minutes depending on temperature, salt content, and relative water motion. SCALE INHIBITOR STICKS™ are 100% soluble in water and insoluble in oil. The melting point of the sticks is 125°F. The stick will dissolve in water in wells with BHT below 122° (just at a slower rate). Lab tests indicate the dissolving rate in 50,000 PPM moving brine water to be 72 minutes @ 100°, 25 minutes @ 120°, 8 minutes @ 140°, and 3 minutes @ 180°. The dissolving time will decrease if the sticks are broken before dropping or if they break upon impact with the top of the fluid. The specific gravity is 1.11. The falling rate through fresh water is approximately 100 feet per minute. The sticks can free fall (through air) 3,000 feet in about 15 seconds.

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. Sticks should be stored in a cool dry place. Always remove stick from plastic bag or cardboard tube before using. Bag or tube can be used as a glove to avoid contact with hands. Salt Inhibitor Sticks may have a limited shelf life of 120 days and should be ordered for immediate use only.