



ALTACHEM LTD.

Technical Data Sheet

Altachem Part No: AC-00 Series

EDMONTON STOCK SIZE

Select Part No: SHS-35

H₂S SCAVENGER STICKS (SCAVENGES HYDROGEN SULPHIDE)

			Color – Off White	Packaging – Cardboard Tube
			TDG – Non-Regulated Product	Allowable – Air or Ocean Freight
H ₂ S SCAVENGER STICK SIZES			STICKS INITIAL SLUG TREATMENT	Weight Ea. Stick.
11/4 x 15	1.25 x 15	31.75 x 381 mm	2 – 4 Stick Per BBL of Water (SUG.)	11.9 oz. 0.74375 lbs. 337.6625 g.
HS Code	3404.20.00		Regulations	TDG
Form	Solid		Melting Point	120°F – 50°C
Color	Off White		Solubility in Water	100%
pH	8.5 - 10		Solubility in Brine	100%
Specific Gravity	1.084 – 1.096		Solubility in Crude	Insoluble

The ***H₂S SCAVENGER STICK*** is an organic sulfide scavenger designed to help down-hole with hydrogen sulfide that is entering the well from the bottom perforated area and creating problems for the well system.

The ***H₂S SCAVENGER STICK*** consists of a water-soluble hard stick containing the organic hydrogen sulfide scavenger. The stick dissolves easily in water and has a melting point of about 120°F.

The ***H₂S SCAVENGER STICK*** scavenges through the water phase in the well production; therefore, some water needs to be present in the well production for the stick to effectively scavenge hydrogen sulfide.

PRODUCT USES & ADVANTAGES

The ***H₂S SCAVENGER STICK*** is used to scavenge through the water phase in the produced water. The organic sulfide scavenger rapidly complexes with H₂S to produce a water soluble and dispersible by-product that helps minimize solid deposition in system equipment. Some water needs to be present for the sticks to dissolve.

TREATMENT DETERMINATION & PROCEDURE FOR WATER/CONDENSATE REMOVAL

Usage formula: Multiply H₂S PPM x MMCF x .0243 x 125. This equals pounds of stick required.

Examples:

500,000 cu. ft. gas/day (.5 of 1mm)
1 PPM H₂S x .5 x .0243 x 125 = 1.52 lbs.

400,000 cu. ft. gas/day (.4 of 1mm)
.5 PPM H₂S x .4 x .0243 x 125 = .608 lbs.

700,000 cu. ft. gas/day (.7 of 1mm)
2 PPM H₂S x .7 x .0243 x 125 = 4.25 lbs

PRODUCT SPECIFICATIONS

The efficiency of the ***H₂S SCAVENGER STICK*** depends on many factors such as pressure, temperature, mass transfer, contact time and the quantity of water present in the production. The ***H₂S SCAVENGER STICK*** rapidly complexes with hydrogen sulfide to produce a water soluble and dispersible by-product that helps minimize solids deposition on system equipment. Used and spent ***H₂S SCAVENGER STICK*** is considered to be non-hazardous and can be injected into disposal wells. ***H₂S SCAVENGER STICK*** contains an organic formaldehyde free hydrogen sulfide scavenger concentrate.

Refer to SDS sheets prior to using this product and follow all safety rules and regulations.

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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