

H₂S HYDROGEN SULFIDE STICK**TECHNICAL DATA**

The SHS-35 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 SHS-35 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 SHS-35 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 USE & ADVANTAGES

These sticks are 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 and to effectively scavenge the hydrogen sulfide.

TREATMENT DETERMINATION & PROCEDURE

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

HYDROGEN SULFIDE STICK SIZES**STICKS RATIO/ INITIAL SLUG TREATMENT**

ACL - 1050 1.25(1 1/4) X 15

2 to 4 Sticks per 1 BBL of water

PRODUCT SPECIFICATIONS

The efficiency of the SHS-35 STICK depends on many factors such as pressure, temperature, mass transfer, contact time and the quantity of water present in the production. The SHS-35 STICKS 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 SHS-35 is considered to be non-hazardous and can be injected into disposal wells. SHS-35 STICKS contain an organic formaldehyde free hydrogen sulfide scavenger concentrate.

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

CAUTION: As with all industrial chemicals, contact with eyes or skin should be avoided. Wash thoroughly with water. Sticks should be stored in a cool dry place. Always remove stick from plastic bag or sleeve before using.

ALTACHEM LTD.

5507-76th Ave. EDMONTON, AB. T6B 0A7

FAX: 780-414-1446

PH: 780-414-1445

www.altachem.ca

E-mail-altachem@gmail.com

TF: 1-866-414-1445

www.altachem.net