

SulfaStop[™] the Green Sulfate Scale Inhibitor for Marcellus Hydrofracture Water

SulfaStop was formulated to address the scale problem that can result from use of sulfate containing treated acid mine water as hydrofracture makeup water and the toxicity of hydrofracture makeup water treatment chemicals. It is a unique product which contains no hazardous chemicals.

Hydrofracture of the Marcellus shale requires from 3 to 5 million gallons of makeup water for every well. Obtaining this amount of suitable quality water is sometimes very difficult. Acid mine water is generally available in sufficient amounts in the Marcellus shale area, but often times would require expensive treatment for removal of scale forming sulfate content to be suitable. SulfaStop added to the hydrofracture makeup water eliminates the requirement that the water be low in sulfate content, allowing economic use of high sulfate acid mine water as hydrofracture makeup water.

Green Advantages

- Allows economic use of high sulfate treated acid mine waters as hydrofracture makeup water.
- Contains no hazardous chemicals, oral rat LD 50 for neat product is > 20,000 mg/kg, “harmless” by industry criteria.
- Low environmental impact, 96 hr LC 50 for Rainbow Trout is > 40,000 mg/l
- Product is totally biodegradable.
- Fully compatible with our green, electrolytic bromine, biocide technology and other additives used in hydrofracture makeup water.
- Local manufacture of product and technical support from Brockway, PA, in the middle of the Marcellus gas field.

ProChemTech International, Inc.

“Innovation in Water Management”

Apache Junction, AZ, and Brockway, PA

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