



MEOR

Maximizing Earths Original Resources, L.L.C.

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TECHNICAL DATA SHEET

SULF-B-GONE™

The MEOR Sulf-B-Gone™ product is a liquid alkanolamine in combination with an FDA approved corrosion inhibitor. It is designed to selectively reduce the levels of hydrogen sulfide from natural gas and liquid hydrocarbon streams, as well as greatly reduce the corrosion rates typically associated with high levels of hydrogen sulfide. Sulf-B-Gone™ scavenges regardless of the amount of carbon dioxide present and the variations of temperature and pressure within the system Sulf-B-Gone™ reacts almost instantaneously with hydrogen sulfide to form **safe, stable and water soluble** products. As a result Sulf-B-Gone™ is ideal for continuous operations where solids produced by other types of H₂S scavengers can cause expensive downtime. The reaction product itself created by Sulf-B-Gone™ makes an excellent water soluble corrosion inhibitor to aid the corrosion inhibitor already blended in the product to further reduce mild steel corrosion rates.

Natural Gas Wells

To treat natural gas wells that contain undesirable amounts of both hydrogen sulfide and water, a 50/50 mixture of Sulf-B-Gone™ and glycol may be utilized. The ratio of components in the mixture can be increased or decreased based on the amount of hydrogen sulfide and water present in the gas stream.

Application Instructions

Natural Gas Gathering Systems and Pipe Lines

Sulf-B-Gone™ may be injected directly into flow lines at a rate of **.03 to .24 gallon per ppm of hydrogen sulfide per MM scf of gas**. The injection point should be selected to be a location, which would allow Sulf-B-Gone™ to mix and react with the gaseous or liquid hydrocarbon stream. Atomizers are beneficial when gas velocity is low. Static mixers are recommended for low volume or low-pressure systems. Efficiency of gas treating is improved by reducing the water in gas prior to treatment. However, the gas should contain at least 7 lbs. of water per MM scf of gas in order to disperse the water soluble products created by Sulf-B-Gone™. Methanol may be added to aid in freeze protection of product or drum heater strips if conditions permit the use of methanol.

Other Applications

Scrubber towers – Call for application information
Alkanolamine Plants – Call for application information

Typical Properties

Appearance:	Yellow liquid
Odor:	Slight
Specific gravity:	1.066g per ml.
pH:	8-9

Packaging and Handling

Sulf-B-Gone™ is a liquid packed in non-returnable 55-gallon drums and can be shipped in bulk. Improper handling of this product can be injurious to personnel. Observe all safety precautions shown on the label and in the material safety data sheet.