



TECHNICAL DATA SHEET

Enviro Sulfa-Bind

PRODUCT DESCRIPTION: HYDROGEN SULFIDE CONVERSION – GAS and/or OIL

Enviro Sulfa-Bind is a new product that provides a state-of-art solution to Sour Gas issues and problems. It contains no amines or amine derivatives and is completely safe to use and handle (carries a triple-zero HMIS rating). Also, unlike amine chemistry solutions which require a costly regenerative process, the Enviro Sulfa-Bind can be easily controlled or replenished with a H₂S monitor or a pH monitor on a return stream. Finally, **the hazardous H₂S is converted to a completely safe, water-soluble sodium sulfate** and does not generate an elemental sulfur by-product. The application simplicity and **lack of generation of any kind of hazardous by-product**, makes it ideal for all locations including space-limited off-shore applications.

APPLICATIONS

- Treatment of Sour Gas in Gas and Oil in an Oil Refinery
- Treatment of Sour Gas in Off-shore Applications
- Treatment of Sour Gas in Pipelines and Gathering Systems.
- Treatment of Coal Seam Sour Gas

ADVANTAGES

- Fast, Effective H₂S Removal
- Works at Ambient & High Temperatures
- Does not Generate Elemental Sulfur
- Can be easily automated to adjust for fluctuating H₂S levels.
- No Costly Regeneration needed
- Works at Low (10 lbs) and High Pressures
- Non Corrosive, Non Hazardous and Non Toxic.
- Simple process that requires virtually no maintenance, energy or personnel.

TYPICAL PHYSICAL PROPERTIES

➤ Appearance.....	Slight yellow to clear liquid with no discernable odor
➤ pH Neat.....	13.5 – 14.0
➤ Specific Gravity.....	1.25
➤ Density.....	10.4 lbs/gallon
➤ Boiling Point.....	210°F
➤ Freeze Point.....	32°F

PACKAGING

Enviro Sulfa-Bind is shipped from the manufacturing facility and regional distribution centers in 5 gallon, 55 gallon and 275 gallon containers. Bulk quantities are available upon request.

ADDITIONAL INFORMATION

If you need additional information or wish us to conduct an engineering survey, please contact our offices.