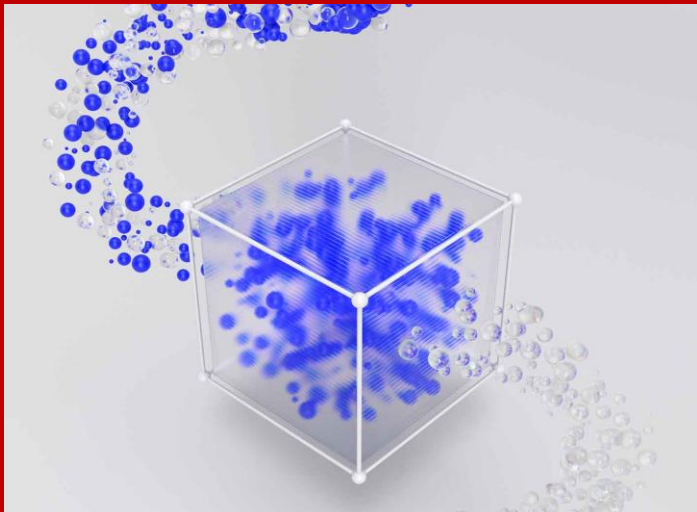


SourTreat XL

Premium, high concentration H₂S Scavenger. Triazine-based. Formaldehyde-free.



Product Features

- Reacts with H₂S to form water-soluble byproducts (no solids)
- Formaldehyde-free formulation
- Highly concentrated product. Approximately 25% higher activity than competitive, triazine-based scavengers for increased cost effectiveness.
- Selectively scavenges H₂S. Product is not adversely affected by CO₂
- Results in a rapid and irreversible reaction with H₂S. Ensuring the H₂S it is not re-released
- Winterized for year-round use
- Low/non-corrosive formulation, non-flammable
- Dispersible in water, brine, and hydrocarbon

Description

Hydrogen sulfide is an extremely dangerous gas that naturally occurs in and around oil and natural gas wells and also in other industrial processes. Safe removal of hydrogen sulfide from contacting fluids which may act as carriers for the poisonous gas is of paramount importance. Of the various types of hydrogen sulfide scavengers, Triazines have a distinguished and proven performance record. SOUTREAT XL is a water soluble triazine based hydrogen sulfide scavenger with application in drilling, completion, stimulation/production operations, pulp & paper, mining, as well as others.

SOUTREAT XL is designed as a formaldehyde-free Triazine H₂S Scavenger. The absence of free formaldehyde is an important safety measure for the field personnel with frequent contact with the product while from the performance standpoint prevents the generation of solid reaction products upon contact with hydrogen sulfide.

Product Properties

Appearance	Clear liquid
Odor	Mild
Color	Yellow to amber
Specific Gravity, at 20°C	1.0-1.1 kg/L
Freeze Point	<-25°C
pH	10 – 12
Shelf Life	1 year minimum

Available Packaging

20L pails
205 L drums
1000 L totesds



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Applications

- Efficiently removes H₂S to provide effective sweetening of wet gas streams to assure optimum system productivity.
- The product may be applied in either flowline or bubble tower applications.
- Can be used wherever H₂S is encountered such as oil and gas production, hauling of sour fluids, in sumps and pits, etc.
- SOUTREAT XLs commonly used during plant turnarounds to eliminate H₂S so that cleaning and maintenance work can be performed on vessels and piping safely.
- SOUTREAT XL may also be applied to down hole tools, valves, tubing, etc. using a low-pressure sprayer.

The efficiency of SOUTREAT XL in flow lines, or transmission lines will depend on factors such as length of flow lines, contact time, mass transfer, pressure, temperature, concentration of scavenger, and water dilution. Each application is unique and will require fine tuning for optimum results.

Directions for Use

SOUTREAT XL can be added directly to sour water or sour oil, used in a scrubber system (portable or permanent) or applied using atomizer nozzles into gas flow stream. When adding directly to sour fluids, it is most effective when circulated to ensure adequate distribution within the fluid and maximize scavenging ability. Optimal rating dosage should be verified in pilot testing prior to filed usage, since the amount required depends on sulfide levels, contact time, pH, pressure, temperature, mass transfer and the quantity of water present. The dosage rate of SOUTREAT XL is typically 5-10 ppm for each ppm of H₂S.

NOTICE: Genesis Chemicals makes no warranty or representation as to the suitability of the product as specified herein for any particular application. The determination of the suitability of the above specification for any particular use is solely the responsibility of the user. All precautionary labels and notices should be read and understood by all supervisory personnel and employees before using. Consult Genesis Chemicals and OSHA regulations for additional safety and health information. Purchaser is responsible for complying with all applicable federal, state or local laws and regulations covering use of the product. Special attention should be given to consumer applications. Freedom to use any patent owned by Genesis Chemicals or others is not to be inferred from any statement contained herein.