

# SULFATREAT

The original hydrogen sulfide scavenger



*SULFATREAT\* is the original product and is still the number one rated scavenger on the market. It is a non-hazardous granular material used in the removal of hydrogen sulfide (H<sub>2</sub>S) from natural gas streams, through batch-processing treatment. SULFATREAT is solid, unlike nearly all other scavengers which are liquids, and therefore prevents foaming or carryover. Its reactions are predictable and reliable under a wide range of conditions.*

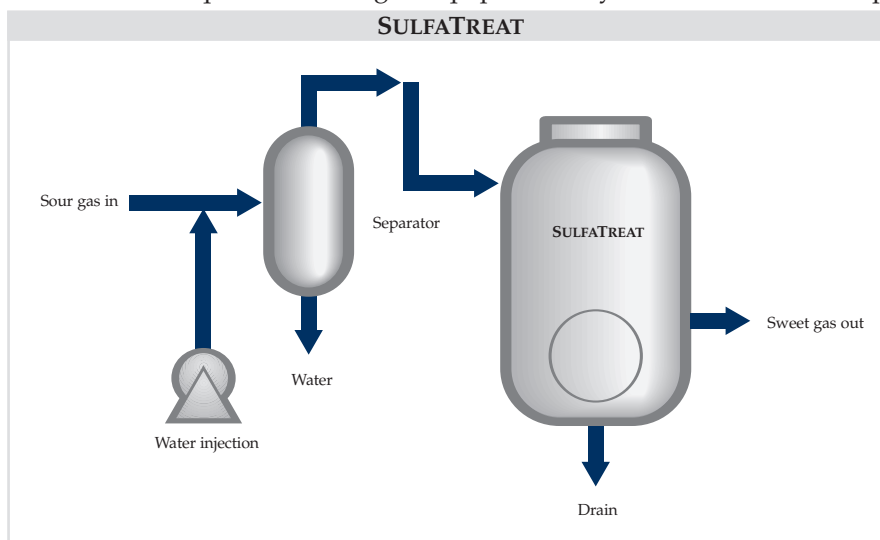
### Typical Physical Properties

Appearance and odor .....	Black, granular, odorless
H <sub>2</sub> S removal capacity .....	Up to 12% by weight
Specific gravity, 25°/25° C on dry basis .....	1.1
Weight, lb/ft <sup>3</sup> .....	70

### Applications

SULFATREAT is used to pack one or more vertical pressure vessels having a downward gas flow. During the scavenging process, gas or vapor flows through the consistently sized and shaped, granular SULFATREAT in the vessel's bed, chemically reacting with hydrogen sulfide to form a stable and safe byproduct. The advantage to using SULFATREAT products is that product consumption is dependent only on the amount of hydrogen sulfide that actually passes through the bed. This economically matches the need for H<sub>2</sub>S removal with variations in system flow conditions and outlet specifications, regardless of the total volume or other common components of the gas.

Just upstream of the SULFATREAT vessel(s), the installation requires a small inlet separator to remove excess liquids from the gas. Equipment may also include a water-spray system to saturate the inlet gas.



Predictable pressure drop and bed life, easy and safe handling, and simple, reliable operation are just a few of the features offered by SULFATREAT products.



## *Advantages*

- Solid, granular product prevents foaming or carryover.
- Unused and used product is environmentally safe and stable.
- Reaction is dependent only upon, and proportionate to, presence of H<sub>2</sub>S.
- Available for saturated and non-saturated systems.

## *Toxicity and Handling*

SULFATREAT is environmentally safe and environmentally non-hazardous in its unreacted and reacted forms. Follow all federal, state and local regulations for disposal and handling. For complete information, consult the MSDS for this product.

## *Packaging and Distribution*

SULFATREAT is available in 50-lb (23-kg) sacks (40 per pallet) and in 2,000-lb (907-kg) bulk bags. Full truckload orders of 40,000 lb (18,144 kg) and 20-ft (6.0-m) overseas containers are shipped from the main warehouse near St. Louis, Missouri.

Less-than-truckload orders may be shipped from conveniently located warehouses throughout the United States and Canada.

This information is supplied solely for informational purposes and M-I SWACO\* makes no guarantees or warranties, either expressed or implied, with respect to the accuracy and use of this data. All product warranties and guarantees shall be governed by the Standard Terms of Sale.



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