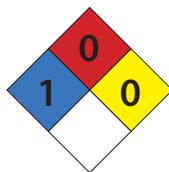




## FQE<sup>®</sup> H<sub>2</sub>S Scavenger

### Features and benefits

- Fast reaction time eliminates requirement for ancillary mixers and storage tanks – maintain a small footprint
- Very cost effective compared to traditional chemical agents like permanganate and glycol
- Reduces the need for thermal oxidizers (TO) and internal combustion engines (ICE)
- Delivered as a liquid so no additional mixing or blending is required
- Can be used in water or oil based applications so multiple chemistries are not needed
- Can be applied with other FQE cleaning/degassing products so one cleaning stage can be used for multiple contaminants



Refer to SDS for more detailed information

**Highly efficient H<sub>2</sub>S scavenger that reacts instantaneously and provides permanent elimination of H<sub>2</sub>S.**

### Product overview

FQE<sup>®</sup> H<sub>2</sub>S Scavenger is a proprietary blend of non-toxic, non-hazardous surface active compounds and proprietary polymeric reactants designed for application in operations where hydrogen sulfide generation is a hazard.

The product is designed to specifically convert hydrogen sulfide to a non-hazardous compound at alkaline pH, and the conversion product will not revert to generating hydrogen sulfide at acidic pH levels. Application at an acidic pH is possible, but requires the use of more FQE H<sub>2</sub>S Scavenger product to effectively remove the hydrogen sulfide present.

This product is especially effective in mitigating high concentrations of hydrogen sulfide commonly encountered in refinery and other chemical manufacturing operations. It is water dilutable and can be applied as a full strength product or a diluted material at less active concentrations.

### Application methods

Use parameters are determined by application type and H<sub>2</sub>S concentrations.

For liquid applications, the quantity is determined by H<sub>2</sub>S and reactive sulfide analysis – generally under 3% volume. Product can be added into either oil or water based materials.

For vapor applications, the product can be applied via steam injection for distillation towers, heat exchanger banks, etc. For large void areas such as tanks the use as an aerosol is recommended, generally under 3% volume in an aqueous solution.

The product can also be used in liquid scrubbers for vacuum truck or tank exhausts.



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