FQE® H₂S 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 H₂S 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
FQE H₂S Scavenger can be applied using any convenient sprayer system, either automatic or manually operated, or by pump circulation in larger vessel container sizes. It can also be applied in tanks and towers by steam injection during degassing operations.

Dilution
It is recommended that FQE H₂S Scavenger be applied at concentrations of one part to every two parts of hydrogen sulfide as aqueous dilutions. No special safety equipment is required for use of this product.

Product Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk density</td>
<td>8.62 lb/gallon</td>
</tr>
<tr>
<td>Solubility</td>
<td>Complete in Water</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200°F (93°C)</td>
</tr>
<tr>
<td>Approximate storage life</td>
<td>1 year</td>
</tr>
</tbody>
</table>

Standard Package
55 US gallons (208 litre) closed head poly drum, tote bin, or bulk.
CASE HISTORY

Rail Car Chemical Decontamination & Change of Service

Results Achieved

- over 20 times, saving thousands of dollars in manpower and equipment charges
- Cleaning efficiency increased of a final polish.
- Dissolved the asphaltenes and left over after chemical cleaning
- Minimal sludge deposits were

Chemicals Utilized

- LEL-V
- 2S

A service company utilized FQE® Solvent-ME, FQE® Clean Road, and FQE® LEL-V for a rail car cleaning application at a petroleum refinery located in Delaware.

The refiner was looking to conduct a change of service on their rail cars from one oil to another to eliminate...