**TECHNICAL BULLETIN**

**FQE® Wax Degreaser**

Alkaline degreaser for waxes and carbon deposits

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**Product Data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk density</td>
<td>8.82 lb/gallon 1057 kg/m³</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>
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</tbody>
</table>

**Standard Package**

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

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**FQE® Wax Degreaser** is a liquid cleaning formulation containing a blend of non-ionic and anionic wetting, penetrating, and emulsifying agents.

These, coupled with a special blend of inorganic “builders” for water softening and detergency, give a product with all-around superior performance and economy for removal of industrial soils in the medium-heavy range. FQE Wax Degreaser contains no ingredients that are harmful to system metallurgy and is safe for use in carbon steel and stainless steel equipment. FQE Wax Degreaser contains no inorganic phosphate builders that may present a concern for waste water treatment.

**Application**

FQE Wax Degreaser is a general purpose cleaner for tile, concrete, and metal surfaces. It can be used to safely remove a variety of soils including oils, wax, carbon black, and solvents typically found in refinery and chemical plant equipment. It is especially effective in steam cleaning systems in refinery and petrochemical plants, as well as other heavy industries.

**Dilution**

The 1:10 when used in a steam jet system. FQE Wax Degreaser may be diluted up to 1 part to 10-30 parts water for typical cleaning applications.
CASE HISTORY
Rail Car Chemical Decontamination

Results Achieved
Over 20 times, saving thousands of dollars in manpower and equipment charges.

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 completely thr

Previously, the client had been cleaning oil to eliminate issues with prior attempts and was looking for a more efficient alternative to meet their tight timelines.

As part of the initial decontamination process to remove the bulk of the crude oil, FQE Solvent-ME was vapour-phased injected with steam into the rail cars at a controlled rate until the effluent coming out of the bottoms drain was oil-free.

To ensure that all the cars were truly de-oiled; down to the porous cavities in the steel surface, FQE Clean Road was subsequently injected into the rail cars as part of the decontamination process.

Changes Achieved

Minimal sludge deposits were present due to the solvent that was trapped in the asphaltene buildup in the mixture. The previous attempt by a competitor to clean the settler left LEL and H2S left over after chemical cleaning.

Chemicals Utilized

FQE Solvent-H was applied first to dissolve and flush away heavy deposits at the bottom of the vessel. Afterward, FQE LEL-V and FQE H2S were applied to remove LEL and H2S respectively. The whole operation was done in record time.

Results Achieved

50% reduction in downtime.

Case Histories
Access a wide range of case histories to learn about the variety of applications our innovative chemical products solve them.

fqechemicals.com/case-histories

White Papers
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Video Library
View videos from our lab where we have tested a range of client samples to show how effective our chemicals are.

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