SL-CPQ | Composite Pyridine Quaternary Ammonium Salt

Product Description

Heterocyclic alkyl pyridines ring N has a pair of lone electrons. Combining benzene ring structure it makes N becomes active group and can absorb on metal surface by static absorbance and form coordinate bond. On the ring alkyl groups is non polar group. These groups among molecules form a hydrophobicity absorbance layer by cohesion etc. This absorbance on metal surface to separate corrosive media and metal surface and prevent anode process or cathodic process happens. After quats process it contains quat positive ion and make it more easy to absorb on the metal surface to form the film and have good corrosion inhibition function.

Structure:

\[
\text{Structure:} \quad \text{benzene + pyridine to form the film} \quad \text{cT}
\]

In which R is polysubstitution alkyl groups.

Technical Indicators

Technical Indicators of SL-CPQ

<table>
<thead>
<tr>
<th>Item</th>
<th>Indicator</th>
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<tbody>
<tr>
<td>Appearance</td>
<td>Brownish black evenly oily liquid</td>
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<tr>
<td>Density, g/cm(^3) 20°C</td>
<td>1.03~1.05</td>
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<tr>
<td>Solid content(%)</td>
<td>75~85</td>
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<tr>
<td>Freezing point(°C):</td>
<td>≤-20</td>
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<tr>
<td>pH (1% aqueous solution)</td>
<td>2.0~3.0</td>
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Distinguishing Features

1. Stable product property, high cost performance
2. Strong high-temperature resistance, outstanding high temperature corrosion
3. Heterocyclic alkyl pyridine has an natural molecular structure advantage of adsorption type corrosion inhibitor for protecting \(\text{H}_2\text{S} , \text{CO}_2\) corrosion.

Packing and Storage

The product is packaged with 200L plastic drum, and net weight is 220 kg per drum. The product should be stored in a ventilated, cool, dry storeroom and should be away from the fire. Product is valid for two years.

http://www.slooilfield.com

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