Product Chemical Data Sheet

Product: 190 Proof Industrial Alcohol

Product Description: Industrial alcohol is ethyl alcohol that has been distilled up to 190 proof (95%) and is produced and sold for other than beverage purposes. Ethanol is a molecule that has two carbon atoms with a single bond between them and an attached OH functional group. Ethanol is a primary alcohol and solvent that can be used in many industrial applications.

CAS (Chemical Abstracts Service) Number: 64-17-5

Chemical Formula: CH₃CH₂OH

Chemical Structure:

\[ \text{H} \quad \text{H} \\
\text{H} \quad \text{C} \quad \text{C} \quad \text{O} \quad \text{H} \\
\text{H} \quad \text{H} \]

Product Specifications:

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proof</td>
<td>&gt; 190</td>
<td>ASTM D-891</td>
</tr>
<tr>
<td>Specific gravity @ 60°F</td>
<td>0.8158 max</td>
<td>ASTM D-1890</td>
</tr>
<tr>
<td>Nonvolatile matter, g/100mL</td>
<td>0.0025 max</td>
<td>USP</td>
</tr>
<tr>
<td>Acidity, weight % as acetic acid</td>
<td>0.0025 max</td>
<td>ASTM D-1613</td>
</tr>
</tbody>
</table>

Product Uses:

- Industrial: Specialty lubricants, seals, dust control
- Transportation: Fuels, hoses, wiper fluid
- Safe food supply: Beverage packaging, packaging, preservatives
- Environment: Water chemicals, flocculants, detergents
- Health and hygiene: Pharmaceuticals, cosmetics, disinfectants

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