Sodium Acetylide (20% by weight in Xylenes)

CAS #: Mixture (Sodium Acetylide 1066-26-8; Xylenes 1330-20-7)
Item#: 315239

DESCRIPTION: Sodium acetylide 18-20% dispersion in xylenes is a gray to tan liquid with a hydrocarbon odor. Settling of the sodium acetylide may occur during transport or storage.

USES: Organic Synthesis

TYPICAL PHYSICAL & CHEMICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Acetylide Formula</td>
<td>C₂HNa</td>
</tr>
<tr>
<td>Sodium Acetylide Formula Weight</td>
<td>48.02</td>
</tr>
<tr>
<td>Dispersion Assay</td>
<td>Nominally 18-20% by weight Sodium Acetylide by titration</td>
</tr>
<tr>
<td>Dispersion Specific Gravity:</td>
<td>0.9</td>
</tr>
<tr>
<td>Dispersion Flash Point:</td>
<td>81°F</td>
</tr>
</tbody>
</table>

PRECAUTION:
Dangerous when wet. Water contact will cause the evolution of flammable gas accompanied by the release of heat. May decompose upon exposure to air.

SHIPPING CLASS:
UN3399, Organometallic substance, liquid, water-reactive, flammable

STORAGE:
Store in rust inhibited tighthead drums. Must be keep tightly sealed to protect from water and air.

MATERIAL SAFETY DATA SHEET (MSDS):
An MSDS is available upon request

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