Properties

**TTA•Na** can be used as corrosion inhibitor of copper and copper alloy, it also has corrosion inhibition for black metals. **TTA•Na** is absorbed on metal surface to form a thin membrane to protect copper and other metals from corrosion of air and other harmful subjects. The membrane is more uniform. When used together with MBT, the effect is better.

- **CAS No.**: 64665-57-2
- **Molecular formula**: C₇H₆N₃Na
- **Molecular Weight**: 155.13
- **Molecular Structure**:

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   N = N
     /   \
    N     N
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Technical Indicators

**Technical Indicators of SL-TTA•Na**

<table>
<thead>
<tr>
<th>Item</th>
<th>Indicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Amber transparent liquid</td>
</tr>
<tr>
<td>Solid content %</td>
<td>50.0 min</td>
</tr>
<tr>
<td>Density (20 °C) g/cm³</td>
<td>1.18 min</td>
</tr>
<tr>
<td>PH (1% water solution)</td>
<td>11.0-12.0</td>
</tr>
</tbody>
</table>

Usage

First, dissolved with alcohol or alkali, then added into circulating water system, the dosage of 2-10mg/L is preferred. If the metal is badly corroded, 5-10 times of normal dosage should be expected.

Package and Storage

200L plastic drum, IBC (1000L), or packed as required by the customer. Stored and transported as per regular chemicals with difficult flammability; stored in the warehouse with ventilation to prevent sunshine and rain.

Synonyms

**TTA•Na**: Sodium Salt of Methylbenzotriazole; Sodium of Tolytriazole; Sodium 4(or 5)-methyl-1H-benzotriazolide.

http://www.sloilfield.com

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