Code No. 33320    Me 500

CAS No. 143174-04-3  EEC No. -

Chemical Name  8-Amino-2-(4-hydroxy-3-methylphenyl)azo-1-naphthol-3,6-
disulfonic acid disodium salt

Structure

\[
\begin{align*}
\text{NH}_2 & \quad \text{OH} \\
\text{NaO}_3\text{S} & \quad \text{N} = \text{N} \\
\text{OH} & \quad \text{SO}_3\text{Na}
\end{align*}
\]

Molecular Formula  \( \text{C}_{17}\text{H}_{13}\text{N}_3\text{Na}_{2}\text{O}_8\text{S}_2 \)

Molecular Weight  497,42

Product Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>dark red-brown crystalline powder</td>
</tr>
<tr>
<td>Absorption max (nm)</td>
<td>544 ± 5 (in water)</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>small residue permissible (1,5g in 100ml)</td>
</tr>
</tbody>
</table>

Storage  Cool, dry, tightly closed

Application  Filter dye in photography