**Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Number</td>
<td>540-88-5</td>
</tr>
<tr>
<td>Elemental Formula</td>
<td>C₆H₁₂O₂</td>
</tr>
<tr>
<td>Molecular Weight (g/mole)</td>
<td>116.16</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>98</td>
</tr>
<tr>
<td>Solidification Point (°C)</td>
<td>-58</td>
</tr>
<tr>
<td>Flash Point (Tag Closed Cup °C (°F))</td>
<td>4.4 (40)</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg @ 20°C)</td>
<td>31</td>
</tr>
<tr>
<td>Evaporation Rate (vs n-BuAc = 1)</td>
<td>2.8</td>
</tr>
<tr>
<td>Density (g/ml @ 25°C (lbs/gal))</td>
<td>0.8599 (7.18)</td>
</tr>
<tr>
<td>Viscosity (cps @ 25°C)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Surface Tension (dynes/cm)</td>
<td>22.4</td>
</tr>
<tr>
<td>Dielectric Constant (DIC @ 20°C in cyclohexane)</td>
<td>1.94</td>
</tr>
<tr>
<td>Electrical Resistivity (megaOhms)</td>
<td>23.81</td>
</tr>
<tr>
<td>Solubility in Water (wt% @ 23°C)</td>
<td>0.8</td>
</tr>
<tr>
<td>Maximum Incremental Reactivity (MIR, g ozone/gTBAc)</td>
<td>0.20</td>
</tr>
</tbody>
</table>

**Hansen 3D Solubility Parameters, cgs units**

- Hansen D: 6.97
- Hansen P: 1.66
- Hansen H: 2.91
- Total Hansen: 7.73

**KB Value**

- 114

**DOT Classification**

- Class 3 Flammable

**NFPA & HMIS Ratings (H/F/R)**

- 1/3/0

**EPA VOC Status**

- Exempt*

**SNAP-Approved**

- Yes

**OSHA PEL (ppm)**

- 200

**SARA 313 List**

- Not listed

**HAP List**

- Not listed

**Cal Prop 65 List**

- Not listed

**Ozone Depleter**

- No

**Greenhouse Gas**

- No

**Acute Toxicity (LD50)**

- Slight (4.5 gram/kg)

**Eyes/Skin Irritation**

- Slight/slight

**Sensitizer**

- No

**Carcinogen**

- No

**Reproductive Toxin**

- No

**Mutagen**

- No

*The U.S. EPA has published a rule excluding tertiary butyl acetate from the Federal definition of a VOC (40 C.F.R. § 51.100(s)(5); see also 69 FR 69304). State and local definitions may vary.

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