

<b>COMPONENTS:</b> (1) Water; H <sub>2</sub> O; [7732-18-5] (2) 3,4-Dichlorotoluene; C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> ; [95-75-0]	<b>ORIGINAL MEASUREMENTS:</b> Dreisbach, R. R. "Physical Properties of Chemical Compounds", Advances in Chemistry Series No. 15; American Chemical Society: Washington, D. C., 1955; p. 140.								
<b>VARIABLES:</b> One temperature	<b>PREPARED BY:</b> F. W. Getzen								
<b>EXPERIMENTAL VALUES:</b>  <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding-right: 20px;">t/°C</th> <th style="text-align: left; padding-right: 20px;">10<sup>2</sup>g(1)/kg(2) <sup>a</sup></th> <th style="text-align: left; padding-right: 20px;">10<sup>3</sup>mol(1)/kg <sup>b</sup></th> <th style="text-align: left;">10<sup>4</sup>x(1) <sup>b</sup></th> </tr> </thead> <tbody> <tr> <td style="padding-right: 20px;">30</td> <td style="padding-right: 20px;">2.6</td> <td style="padding-right: 20px;">1.44</td> <td>2.32</td> </tr> </tbody> </table> <p style="margin-left: 20px;">a. Reported. b. Calculated by compiler.</p>		t/°C	10 <sup>2</sup> g(1)/kg(2) <sup>a</sup>	10 <sup>3</sup> mol(1)/kg <sup>b</sup>	10 <sup>4</sup> x(1) <sup>b</sup>	30	2.6	1.44	2.32
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<b>AUXILIARY INFORMATION</b>									
<b>METHOD/APPARATUS/PROCEDURE:</b> No experimental details were available.	<b>SOURCE AND PURITY OF MATERIALS:</b> C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> : Dow Chemical Co., purified by distillation before use. H <sub>2</sub> O: Distilled.  <b>ESTIMATED ERROR:</b> Solubility: <100% (compiler). Temperature: ±1 K (compiler).  <b>REFERENCES:</b>								