

COMPONENTS: (1) Acetamide, N-[4-[[iminomethyl]amino]sulfonyl]phenyl]-; $C_9H_{12}N_4O_3S$; [19077-97-5] (2) Water; H_2O [7732-18-5]	ORIGINAL MEASUREMENTS: Sapozhnikova, N. V.; Postovskii, I. Ya. <i>Zh. Prikl. Khim.</i> 1944, 17, 427-34.																				
VARIABLES: Temperature	PREPARED BY: R. Piekos																				
EXPERIMENTAL VALUES: <table border="1" data-bbox="495 513 1013 772" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">t/°C</th> <th colspan="2">Solubility</th> </tr> <tr> <th colspan="2">Weight % 10^3 mol kg⁻¹ water^a</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>0.0154</td> <td>0.601</td> </tr> <tr> <td>37</td> <td>0.039</td> <td>1.52</td> </tr> <tr> <td>50</td> <td>0.100</td> <td>3.91</td> </tr> <tr> <td>75</td> <td>0.320</td> <td>12.5</td> </tr> <tr> <td>99</td> <td>0.868^b</td> <td>34.2</td> </tr> </tbody> </table> <p data-bbox="519 793 827 823"> ^a Calculated by compiler. </p> <p data-bbox="519 840 1027 907"> ^b Calculated from the heat of dissolution (10,667 cal mol⁻¹) </p>		t/°C	Solubility		Weight % 10^3 mol kg ⁻¹ water ^a		20	0.0154	0.601	37	0.039	1.52	50	0.100	3.91	75	0.320	12.5	99	0.868 ^b	34.2
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COMPONENTS: (1) Acetamide, N-[4-[(aminoiminomethyl) amino]sulfonyl]phenyl]-; $C_9H_{12}N_4O_3S$; [19077-97-5] (2) Ethanol; C_2H_6O ; [64-17-5] (3) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Sapozhnikova, N. V.; Postovskii, I. Ya. <i>Zh. Prikl. Khim.</i> 1944, 17, 427-34.																							
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