

Diffusion coefficient of trichloroacetic acid in propan-2-ol

3 Diffusion in Liquid Mixtures

3.1. Data

3.1.1. Diffusion in Binary Mixtures

$C_2 H Cl_3 O_2$	(1)	trichloroacetic acid	76-03-9
$C_3 H_8 O$	(2)	propan-2-ol	67-63-0
Mutual Diffusion Coefficient: $D_{12}(c_i); T = 303.15 \text{ K}; \text{Method: DIA}$			Ref.: [1968S10]
c_1 [mol/L]	p [kPa]	$D \cdot 10^9$ [m ² /s]	
0.0292	101.32	0.5735	

Symbols and Abbreviations

Short Form	Full Form
D	diffusion coefficient
p	pressure
T	temperature
c_i	molarity
DIA	diaphragm cell

References

[1968S10] Srinivasan, D., Laddha, G.S.: Ind. J. Technol. **6** (1968) 97–99.