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Phase equilibriums in systems with involvement of *n*-alkanes, perchloromethane and perluxe

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Abstract

Liquiduses of binary systems CCl_4 – *n*-C_nH_{2n+2} and C_2Cl_4 – *n*-C_nH_{2n+2} (n = 10-20) by method UNIFAC and by means of Schroder–Le-Shatele's equation are counted. Phase equilibriums in the pointed systems are experimentally learnt. Comparison rated and observational methods is spent. It is demonstrated, that with magnification n in the n-alkane molecule content decrease *n*-C_nH_{2n+2} in eutectic compositions is observed, and melting point of eutectics slightly differ from melting points CCl_4 and C_2Cl_4.