

A method for performance of chemical processes in the presence of heterogeneous catalyst used as flowing component through fluidized bed of inert material and moving from bottom to top, and at least one source substance, which is in liquid state. The catalyst is introduced into the reactor in the form of suspension with source substance, which is in the liquid state, at catalyst concentration in the suspension of 25 - 150 g/l with equivalent diameter of particles of up to 10 μm .