



Assessment Unforeseen Vigor Affranchise for Three Fluid Structural Peroxides

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Abstract

One of the aims of the fine organic chemistry is to produce desired chemicals in cost-effective and safe conditions. Indeed, among the main causes of the chemical process accidents, the thermal runaway of the reaction masses is one of most current. In this field, governmental institutions for industrial safety require that chemical industries give proof of more and more complete knowledge of the physico-chemical phenomena associated with chemical process, as well as a description of the important parameters for safety before the implementation of the process on an industrial scale , The knowledge of thermokinetic parameters, as well as associated energies, is necessary for the prediction of the reactive medium behavior as well for normal and degraded modes of operation. These parameters are generally unavailable in the literature and not easily calculable using models, from where there is a need for an experimental determination

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