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Subsection: Chemical Physics of Explosives.

Reference Object Identifier – ROI: jbc-02/16-46-4-1

Publication is available for discussion in the framework of the on-line Internet conference "*Butlerov readings*".

http://butlerov.com/readings/
Submitted on May 20, 2016.

Features of interaction of a 2,4-dinitro-2,4-diazapentane and 1,3,5,7-tetranitro-1,3,5,7-tetraazacyclooctane at production and storage the compositions

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Keywords: 2,4-dinitro-2,4-diazapentane, 1,3,5,7-tetranitro-1,3,5,7-tetraazacyclooctane, cocrystalls, burning, thermal decomposition, viscosity, physic-mechanical characteristics.

Abstract

Results of researches of a cocrystallization of a 2,4-dinitro-2,4-diazapentane and 1,3,5,7-tetranitro-1,3,5,7-tetraazacyclooctane in the compositions on the basis of polymeric binding with nitrate ester softener are presented in article. Influence of formation of a cokrystall on physical and chemical and technical characteristics on mixes is studied. In similar conditions it is received cocrystall a 1,3,5,7-tetranitro-1,3,5,7-tetraazacyclooctane with CL-20, the structure of mixes and morphology of crystals of a cocrystall is defined.