*Thematic Section:* Research New Process. **Full Paper**
*Subsection:* Physical Chemistry. *Reference Object Identifier* – ROI: jbc-02/16-47-7-43
Publication is available for discussion in the framework of the on-line Internet conference "*Butlerov readings*".
http://butlerov.com/readings/
Submitted on September 22, 2016.

# High-temperature desensitization of spherical powders by oligoester acrylate

© **Tatiana A. Eneykina**,* **Natalya N. Ermilova**,+ **Lyubov A. Chistyakova**, and **Roza F. Gatina**
*Federal Fiscal Enterprise «State Scientific-Research Institute of Chemical Products».*
*Svetlaya St., 1. Kazan, 420033. Tatarstan Republic. Russia. E-mail: gniihp@bancorp.ru*

*Supervising author; +Corresponding author

***Keywords:*** desensitization, oligoester acrylate, IK-spectroscopy.

**Abstract**

Kinetics polymerization of MGF-9 at the temperature 95 °C in the thin membranes on the KBr-base is studied by IK-spectroscopy method. There are studied diffusion of MGF-9 in double-base spherical powder with 27.8% nitroglycerin content (by mass) at the temperature 80 and 95 °C. High-temperature desensitization of spherical powders MGF-9 is allow to reduce process duration.