

Biological degradation of white phosphorus feasibility and prospects

© Anton Z. Mindubayev,^{*+} Alexandra D. Voloshina, and Dmitry G. Yakhvarov

Institution of RAS. A.E. Arbuzov Institute of Organic and Physical Chemistry.

Arbuzov St., 8. Kazan, 420088. Tatarstan Republic. Russia. E-mail: mindubaev@iopc.ru

^{*}Supervising author; ⁺Corresponding author

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Abstract

Neutralization of white phosphorus is an urgent issue affecting the environment and human health. Despite the extensive commercial (and contrary to official bans military) use of white phosphorus, belonging to the first class of danger, effective methods of detoxification are not found until now. In the present review we discuss the potential possibilities and the first results of the biological degradation of white phosphorus – the effective and low risk method, well-proven in many chemical products.