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**ICEEM/03 – ENVIRONMENTAL MANAGEMENT
SECTION**

***Environmental Integrated Management and
Risk Management***

**EVALUATING THE RISKS OF THE TECHNOLOGIES
FOR TREATING THE GREEN MUD**

Ioan Nema^{1*}, Mihai Nicu²

¹*Environmental National Guard, C.J. Vaslui, 63 Calugareni Str., Vaslui, Romania*

²*Technical University of Iasi, Faculty of Chemical Engineering, Department of Environmental Engineering and Management, 71 Mangeron Blvd., 700050 Iasi, Romania*

Abstract

The green mud results as a waste from the process of wines deferrization using the blue fining method. This is a dangerous waste due to its content in ferrocyanides, but in Romania, there are important stocks, stored under inappropriate conditions for environment and health.

Worldwide there are experimental and patented methods for treating the green mud, some of them involving cyanides recuperation, others based on the decomposition of the hexacyanoferrate ions, by means of thermal procedures or by using oxidizing agents. This work analyses the most known and applied procedures and methods to remove the dangerous waste resulted during wine deferrization, rich in ferrocyanides.

Keywords: green mud, noxious substances, recovering, ferrocyanide, risk phrases

* Author to whom all correspondence should be addressed: e-mail: ioanema@yahoo.com