Environmental Engineering and Management Journal, March 2003, Vol.2, No.1, 29-46 http://omicron.ch.tuiasi.ro/EEMJ/



"Gh. Asachi" Technical University of Iasi, Romania

MAJOR ACCIDENTS INVOLVING SUBSTANCES DANGEROUS FOR ENVIRONMENT IN THE CONTEXT OF COUNCIL DIRECTIVE 96//82//EC

Maria Gavrilescu

"Gh. Asachi" Technical University of Iasi, Department of Environmental Engineering Mangeron Street 71A, 6600, Iasi, Romania, e-mail: mgav@ch.tuiasi.ro Romania

Abstract

The paper is an overview on major accidents occurring as a result of the storage or use of hazardous substances, where in the event of a major accident and release of toxic, explosive or flammable materials local people and the nearby environment could be seriously affected. Also, it examine the significance of spatial context for the effective management of an important source of technological risk—major industrial accident in the view of Seveso II Directive that aims at the *prevention* of major-accident hazards involving dangerous substances and the *limitation of the consequences* of such accidents not only for man (*safety and health aspects*) but also for the environment (*environmental aspect*). Both aims should be followed with a view to ensuring high levels of protection throughout the Community in a consistent and effective manner.

Some aspects regarding Romanian legislation on major accidents and environmental protection were highlighted.

Keywords: major accidents, Seveso Directive, substances dangerous, legislation