

MINIMIZING THE RISK AND TRANSPORTATION COST OF ETHANOL TRANSPORTATION

József Gál¹, Ábel Simon²

¹Department of Engineering Management and Economics, University of Szeged
Mars ter 7., Szeged, H-6724, Hungary

²Faculty of Economics and Business Administration, University of Szeged
Kalvaria sgt. 1., Szeged, H-6722, Hungary

galj@mk.u-szeged.hu

ABSTRACT

This paper presents the circumstances regarding the transportation of high purity ethanol. The main topic in the paper is how this flammable product can be transported by tank trucks. The paper focuses on a real life logistic problem. ADR and road regulations are presented throughout a personal example in order to determine, which is the optimal tank volume for high purity ethanol transportation. It is not just a logistics problem, has environmental impacts as well.

Key words: logistics, ethanol transport, environmental protection, cost efficiency, ADR

Acknowledgements: -