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“CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION”

## Action of Chemical Leasing in Production Processes aimed at Sustainability

BARROS, M. J. <sup>a,b\*</sup>, OLIVEIRA, M. C. <sup>a</sup> GONÇALES FILHO, M. <sup>a</sup>

a. *Universidade Metodista de Piracicaba, São Paulo.*

b. *Instituto Federal de Educação, Ciência e Tecnologia do Paraná.*

\*Corresponding author, [marcos.barros@ifpr.edu.br](mailto:marcos.barros@ifpr.edu.br)

### Abstract

The Chemical Leasing is a model geared to the activities of buying and selling of chemicals, where the manufacturer seeks to develop productivity, through the efficient use of chemicals and the interest of the parties involved. The aim of this study is to evaluate the proposal of chemical leasing as a more sustainable alternative of the manufactures and consumers of chemical in its manufacturing process. The attention turns to acceptance of a partnership model between manufacturer and consumer of chemicals with the provision of chemical solution service, consisting of orientation, process optimization and rationalization of usage, that shifts the focus from the increase in sales volume, to a value-added approach aiming to achieve sustainability. The approach used was the exploratory study designed from already published material. To the relationship between the traditional models oriented to sales volume, and the products and services-oriented model. The contribution is in possibly point out that companies using management model aimed at the sharing of responsibilities in the interests of sustainability, can expect a reduction of costs compared to traditional systems, and that this format of shared management saves natural resources. And so, possibly reducing the quantities of chemicals, which can have a negative impact on human health and the environment.

**Keywords:** *Cleaner Production, Sustainability, Chemical Leasing, Industry, Green Chemistry.*