



ABSTRACT

NAME OF INSTITUTION : De La Salle University – Dasmariñas
ADDRESS : Dasmariñas, Cavite
TITLE : Pyrolytic Conversion
Of Coconut Oil fatty Acids into a Petroleum
As an Industrial Solvents
AUTHORS/PROPONENTS : Bellosillo, Bendil Chadwick L.
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DATE STARTED : November 22, 2001 Date Completed:
January 31,2002

OBJECTIVE OF THE STUDY

a) General

To be able to determine the feasibility of producing a petroleum as an Industrial Solvents from a reusable source– the coconut oil.

b) Specific

- 1.) To be able to convert agricultural waste material into a petroleum as an industrial solvents.
- 2.) To lessen the problem regarding Agricultural waste materials.

SCOPE AND COVERAGE

The study would only be concern with the potential usage of coconut oil Fatty acid into petroleum as an Industrial Solvent. The Auto-concentrated on the feasibility on using coconut oil by transforming it to useful solvent other issues and concerns directly or indirectly related to the topic are not part of the Scope of the Study.



METHODOLOGY

The study used the descriptive method of research. The researcher conducted research, interviews, survey, gathering necessary data and information about the topic, exploring in the Internet and other references that are involve to make the study possible.

Though the help of Engr. Laniel Bello, who works at Department of Science and Technology, which he provide necessary data regarding on the process of Pyrolytic Conversion of coconut into a petroleum as an industrial solvents, where in this data help us to prove how the study become feasible.

MAJOR FINDINGS

The researcher found out that through the use of Pyrolytic Conversion of Coconut oil fatty acids into Petroleum used in an Industrial solvent will be beneficial for those coconut- producing regions in the country. It secures all of us regarding Industry and environmental health.



CONCLUSION

Through this study our economic problem as well as the coconut producing regions in the country will be having a solution in which the economic will rise again. Through the use of coconut oil fatty acids we will be able to produce cheaper source of solvent use in the agricultural industry that there are more alternative sources of fuel such as; coconut oil, oil palms, coconut shell, and coconut wood.

RECOMMENDATION

The authors recommend that the government should develop the use of coconut oil fatty acids into petroleum as an industrial solvent. There should be a further research in other sources in producing industrial solvents and for educational institution, should be encourage to pursue comprehensive experiments regarding other alternatives fuel in the industry.

