

Ministry of Higher Education & Research Scientific AL- Muthanna University College of Engineering Dept. of Chemical

Production of Joap

7920 TON/YEAR

A research paper presented to the College of Engineering / Chemical Department as a partial investigation for a Bachelor's degree in Chemical Engineering

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Academic Year 2019 - 2020



Abstract

The manufacture of household soaps is made from animal or vegetable fats, oils or fats in organic matter, and from a chemical point of view in a process called saponification.

The idea of the project and objectives, the idea is to create a larger factory for the production of various soaps Cleaning with high levels of workmanship and less. Potential costs, and in fact about the project objectives and we can say that it is

In continuous production to ensure succession of profits, operating the workforce. Reduce unemployment rates, and help the national economy recover, reducing import rates coming from abroad.

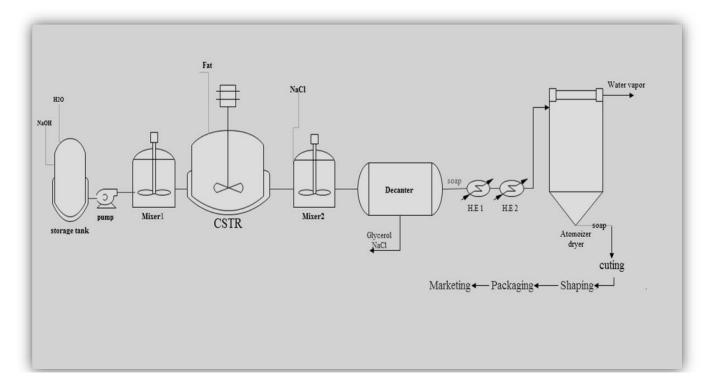


Figure (1-1): Hot Method