



162162



G00002

Abstract**Process for Producing Wax Ester From Dihydroxy Fatty Acid**

- 5 A process for producing wax ester comprising of esterifying dihydroxy fatty acid preferably dihydroxystearic acid with at least one alcohol in the presence of lipase as a catalyst which is then remove by filtration. The filtered catalyst could be reuse and provides a number of cost advantages. In the preferred embodiment of the present invention, the dihydroxystearic acid is derived from palm based oleic acid and the alcohol contains 8 to 18 carbon atoms per molecules.