



PROCESS ECONOMICS PROGRAM

SRI INTERNATIONAL
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ABSTRACT

PEP Report No. 192

BISPHENOL A AND ALKYLATED PHENOLS

(December 1988)

This report presents evaluations of the technology and economics for manufacturing bisphenol A (BPA), o-tert-butylphenol, 2,6-di-tert-butylphenol, p-tert-butylphenol, octylphenol, nonylphenol, and dodecylphenol. These evaluations are based on a review of the patents for BPA issued since our previous report in 1972 and on patents on the various alkylphenols issued as far back as 1976.

We included a discussion of the chemistry involved in the condensation of phenol with acetone to produce BPA and in ortho- and para-alkylation of phenol. In addition, we included a section on the present status of the BPA and alkylphenols industries.

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ALKYLATED PHENOLS**

by **NILOO FARHAD**

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PROCESS ECONOMICS PROGRAM

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For detailed marketing data and information, the reader is referred to one of the SRI programs specializing in marketing research. The *CHEMICAL ECONOMICS HANDBOOK* Program covers most major chemicals and chemical products produced in the United States and the *WORLD PETROCHEMICALS* Program covers major hydrocarbons and their derivatives on a worldwide basis. In addition, the *SRI DIRECTORY OF CHEMICAL PRODUCERS* services provide detailed lists of chemical producers by company, product, and plant for the United States and Western Europe

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