

PROCESS ECONOMICS PROGRAM

SRI INTERNATIONAL

Menlo Park, California

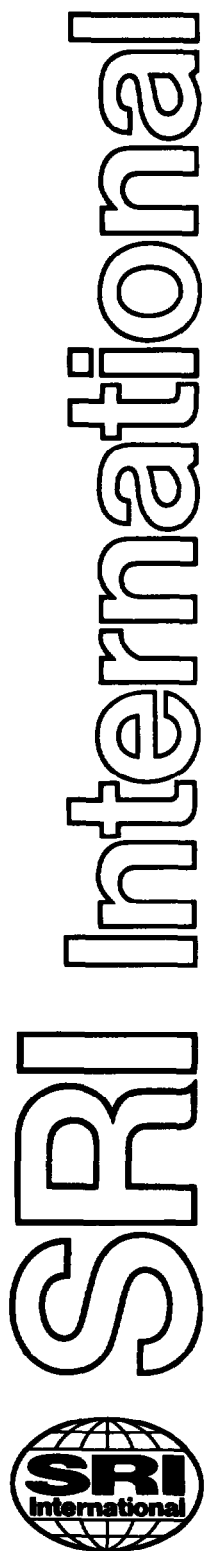
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Abstract

Process Economics Program Report No. 17A

ACRYLONITRILE

This report includes our evaluation for the first time of the new Nitto Fe-Sb catalyst and the PCUK (Produits Chimiques Ugine Kuhlmann) technology that uses an Sb-Sn catalyst. Also, we evaluated an updated design based on Sohio technology that uses an Fe-Bi catalyst. This latter work was done in the light of improved information that has become available to the Process Economics Program (PEP) since our 1973 interim report (Report 17A3). Although we did not make an economic evaluation of the UOP-Montedison technology in the current report, a fairly detailed description of the process is included.



Report No. 17A

ACRYLONITRILE

SUPPLEMENT A

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PROCESS ECONOMICS PROGRAM

Menlo Park, California 94025

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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