

Derivatives of Mixed Butanes

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Saudi Aramco produces mixed butanes which can be used in petrochemical industry. Mixed butanes stream consists of 80% *n*-butane and 20% *iso*-butane and each component has its derivatives.

In this study, a petrochemical complex will be simulated and designed using advanced simulation software. There are many derivatives which can be manufactured from butanes. However, the petrochemical complex will be set according to the importance of these derivatives. A techno/economic study will be conducted using the mixed butanes of Saudi Aramco.