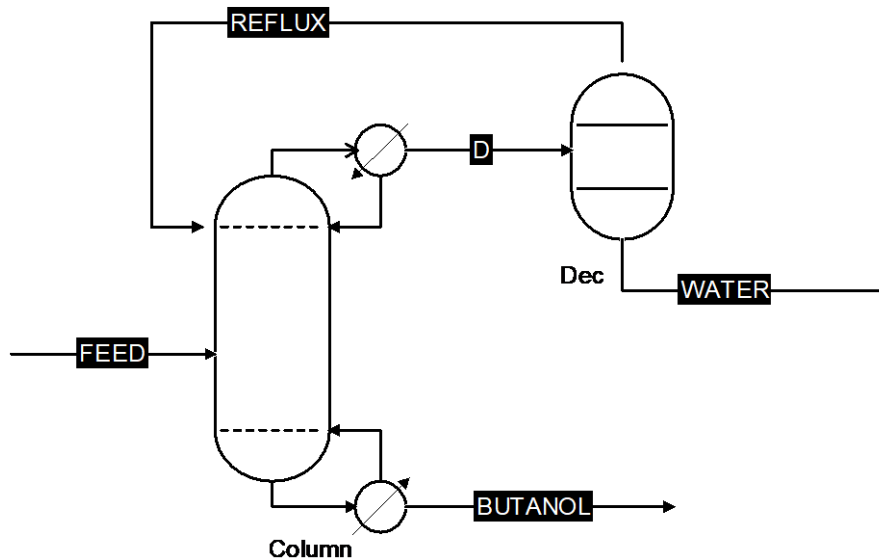


Description: N-Butanol and Water Separation:

Process Flow Diagram:



Process Description:

A feed mixture of N-Butanol and water is fed to the column. The overhead liquid goes to the decanter, water layer is removed from it and we get the distillate N-Butanol from the column bottom.

Operating Condition:

Feed Rate Flow: 375 Kg/Hr.

Pressure: Distillation column is operating under atmospheric pressure.

Temperature: 91.86°C-117.93°C.

Column Internal: Structured packing for the column.

N-Butanol purity: 99.9% (Wt).

Experience:

The S-Cube has designed and supplied this system.