

2,810 TPD MTBE / TAME Plant for Sale

Capacity

Pure MTBE 356 TPD
Pure TAME 226 TPD
Impurities including C5 1070 TPD
C4 Raffinate 1158 TPD
Total 2810 TPD

Raw Materials

C4 Feedstock 2609 TPD
MeOH Consumed (commercial grade,
99.85%) 201 TPD
Total 2810 TPD

Year Built: 1989

MTBE Specification: 99 wt.%

Major Equipment

No 1. Liquid Phase, Fixed Bed Reactor
No 1. Liquid Phase, Fixed Bed Reactor
Debutanizer Column
Methanol Absorber
DME Absorber
MTBE Product Cooler
Debutanizer Condenser
Reactor Recycle Cooler
Methanol Mixer
Debutanizer Reboiler
Debutanizer Feed/Bottom Exchanger
Water Wash Tower



BRIEF PLANT DESCRIPTION

Phoenix Equipment has this 2,810 TPD MTBE/TAME Plant for sale. The process consists of the following basic steps: (A) Reaction: reacting isobutylene with methanol to produce MTBE/TAME; (B) Purification: Separation of MTBE/TAME from the butane/n-butylene and excess methanol stream; (C) Methanol Recovery: Recovering the unreacted methanol for recycle to the reaction step and producing a methanol-free butane/n-butylene stream for other chemical or refinery uses. (D) Oxygenate Removal: Removing DME from the butane/n-butylene stream to produce an HF alkylation feed stream.

For more information contact -

Edward Zhang, Plant Sales
plants@phxequip.com
+1 732.520.2187 (Direct Dial)
+1 845.242.3378 (Mobile)

To discuss plants you are selling -

Jesse Spector
plants@phxequip.com
+1 732.709.7157 (Direct Dial)
+1 908.902.8854 (Mobile)