

6,500 BPD ALKYLATION PLANT FOR SALE

Capacity: 6,500 BPD

Products:

- Alkylate Products (iC4 + nC4)
- Propane
- Isobutane
- N-butane

Raw Materials:

- Olefins
- Make-up isobutene

Year Started: 1996

Technology:

- Sulphuric acid refrigerated alkylation process

Major Equipment:

- Debutanizer
- Neutralization mixer
- Refrigeration compressor
- Isobutanizer condenser
- Debutanizer reboiler
- Depropanizer mixer
- Propane product dryer
- Caustic wash pump
- Feed coalescer
- Hydrocarbon blow down pump



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BRIEF PROCESS DESCRIPTION

The olefin stream is the combination of a propylene-propene (P-P or C3) and a mixed C4 feed containing amylenes (C4/C5). The required isobutene make-up comes directly from a C4 isomerization unit. This stream goes to the alkylation unit deisobutanizer. 98 wt% of the butane in the deisobutanizer bottoms is recovered in the alkylation unit debutanizer and recycled to the isomerization unit.

CONTACT US FOR MORE DETAILS