

ABSTRACT

ALKYLATION CATALYST REGENERATION (Figure 1)

Disclosed is a process for removing acid soluble oils, produced as an undesirable by-product of an HF catalyzed alkylation reaction, from a liquid containing a sulfone compound. The process includes the use of water to induce the formation of the two immiscible liquid phases of ASO and sulfone with water. The two immiscible phases can subsequently be separated from each other.

