

**METHOD FOR PREPARING AND
PURIFYING 1,1,1-TRIS(4-
HYDROXYPHENYL)ETHANE**

Abstract

1,1,1-Tris(4-hydroxyphenyl)ethane in admixture with bisphenol A is obtained by the reaction of 2,4-pentanedione with excess phenol under acidic conditions and in the presence of a mercapto compound as promoter. The products may be separated by
5 extracting bisphenol A with a chlorinated alkane. Purification of the resulting 1,1,1-tris(4-hydroxyphenyl)ethane is achieved by slurrying in and/or recrystallization from methanol-water, optionally with addition of an alkali metal borohydride or dithionite.