

METHOD FOR PREPARING HYDROPEROXIDES BY OXYGENATION

ABSTRACT

5 Aryldialkylmethanes such as cumene are converted to
the corresponding hydroperoxides by reaction with oxygen in the
presence of a promoter which may be an alkali metal borate such as
borax, an alkali metal salt of a polymer such as an acrylic polymer, or
an alkaline reagent in combination with a specific proportion of added
water or water of hydration, also exemplified by borax. High yields of
the hydroperoxide are obtained, particularly when the promoter
10 includes water.

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