

ABSTRACT
PROCESS FOR THE CARBONYLATION OF AN ALCOHOL

A process for the carbonylation of a C₁ to C₄ alkyl alcohol and/or a reactive derivative thereof by contacting a C₁ to C₄ alkyl alcohol and/or a reactive derivative thereof with carbon monoxide in a liquid reaction composition in a carbonylation reactor in the presence of (a) a rhodium catalyst, (b) an alkyl halide, and (c) as promoter, at least one of ruthenium and osmium.