

PROCESS FOR PREPARING HIGHER OXO
ALCOHOLS FROM OLEFIN MIXTURES



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ABSTRACT

The invention relates to a process for preparing higher oxo alcohols from mixtures of isomeric olefins having from 5 to 24 carbon atoms by hydroformylation in the presence of a catalyst at elevated temperature and at elevated pressure, in which the hydroformylation is carried out in one stage, the olefin conversion rate for one pass is restricted to from 40 to 90%, the reaction mixture, expediently after catalyst removal, is selectively hydrogenated, the hydrogenation mixture is separated by distillation and the olefin fraction is recirculated to the hydroformylation.

Figure : None