

Abstract

Production of ester mixtures

Ester mixtures comprising the esters $A(\text{COOR}^1)(\text{COOR}^1)_x$, $A(\text{COOR}^1)(\text{COOR}^2)_x$, $A(\text{COOR}^2)(\text{COOR}^1)_x$ and $A(\text{COOR}^2)(\text{COOR}^2)_x$, can be produced in a targeted way by processes in which acids $A(\text{COOH})_{x+1}$ or derivatives thereof are reacted with an amount $(m_1 + s_1)$ of R^1OH and an amount m_2 of R^2OH , the reaction mixture being heated at boiling, the alcohol R^1OH having a lower boiling point than the alcohol R^2OH , A being an aromatic, alicyclic or aliphatic radical, x being 1 or 2, and R^1 and R^2 independently of one another being substituted or unsubstituted aryl radicals or linear or branched, substituted or unsubstituted alkyl radicals having 3 to 20 carbon atoms, m_1 and m_2 corresponding to the mole equivalents of the alcohol radicals OR^1 and OR^2 to be introduced into $A(\text{COOH})_{x+1}$ or derivatives thereof, and s_1 being greater than 0.