

ABSTRACTPROCESS FOR THE MANUFACTURE OF SEC-BUTYL ACRYLATE BY
REACTION OF ACRYLIC ACID AND BUTENE ISOMERS

This process for the manufacture of sec-butyl acrylate by reaction of acrylic acid and at least one butene in the presence of a macroporous cationic resin containing sulphonic acid groups is characterized in that the reaction is carried out using a molar ratio of the acrylic acid to the butene(s) used which is greater than 1, the crude reaction product comprising residual acrylic acid, dissolved butene isomers, the desired sec-butyl acrylate, octenes, 2-butanol and heavy addition products, and in that the desired sec-butyl acrylate is separated from the crude reaction product.

2-5122022

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