

**PROCESS FOR THE MANUFACTURE OF ACROLEIN AND/OR
ACRYLIC ACID FROM GLYCEROL**

ABSTRACT

The present invention relates to the manufacture of bioresourced acrolein and bioresourced acrylic acid from glycerol as starting material and more particularly comes within the scope of a process for the manufacture of acrolein and acrylic acid according to which the reaction for the dehydration of glycerol to give acrolein is carried out and a
5 stage of oxidizing a water-rich phase separated from the reaction mixture coming from this dehydration reaction is carried out, before it is recycled to the glycerol dehydration stage. This oxidation treatment prevents organic impurities from accumulating during the process, while minimizing the consumption of water and the discharge of polluted aqueous streams.