

Title (en)
METHOD FOR MAKING A CHLORHYDRINE BY REACTION BETWEEN A POLYHYDROXYLATED ALIPHATIC HYDROCARBON AND A CHLORINATING AGENT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES CHLORHYDRINS DURCH UMSETZUNG EINES POLYHYDROXYLIERTEN ALIPHATISCHEN KOHLENWASSERSTOFFS MIT EINEM CHLORIERUNGSMITTEL

Title (fr)
PROCEDE DE FABRICATION D'UNE CHLORHYDRINE PAR REACTION ENTRE UN HYDROCARBURE ALIPHATIQUE POLY HYDROXYLE ET UN AGENT DE CHLORATION

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Abstract (en)
[origin: WO2006100311A2] The invention concerns a method for making an epoxide wherein halogenated ketones are formed as by-products and comprising at least one treatment designed to eliminate at least part of the halogenated ketones formed.
[origin: WO2006100311A2] Manufacturing epoxide involving halo ketone formation as a by-product, comprises eliminating at least a part of the formed halo ketone. Independent claims are also included for: (1) a device to manufacture an epoxide comprising a reactor for hypochlorinating an olefin in the reaction medium containing a chlorhydrin, a chlorination reactor of a polyhydroxylated aliphatic hydrocarbon in the reaction medium containing the chlorhydrin, and a dehydrochlorination reactor supplied with the reaction medium obtained from other reactors; (2) an azeotropic composition comprising water and chloroacetone; and (3) an epoxide containing halo ketone, present at =0.01 wt.%.

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