

Title (en)

PROCESS FOR THE SYNTHESIS OF IODOPROPYNYL BUTYLCARBAMATE IN AN AQUEOUS SOLUTION OF A SUITABLE SURFACTANT

Title (de)

VERFAHREN ZUR SYNTHESE VON BUTYLCARBAMINSÄUREIODPROPINYLESTER IN EINER WÄSSRIGEN LÖSUNG EINES GEEIGNETEN TENSIDS

Title (fr)

METHODE DE SYNTHÈSE DE BUTYLCARBAMATE D'IODOPROPYNYLE DANS UNE SOLUTION AQUEUSE D'UN TENSIOACTIF APPROPRIÉ

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Application

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Abstract (en)

[origin: WO2005016871A1] A process for the manufacture of iodopropynyl butylcarbamate (IPBC) is disclosed wherein the subject reaction is carried out in an aqueous solution of a suitable surfactant. The iodination reactant is metallic iodide salt which serves as a donor of I⁺ ions. The I⁺ ion is generated on an as needed basis, during the reaction sequence, hence the formation of undesirable isomers of IPBC are minimized. The process of this invention produces a highly purified IPBC having, preferably, a low moisture content (wet-cake). The IPBC produced by such a process is also disclosed herein.

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