

Title (en)
MIXTURES OF ALKYLATED METHYLOLATED 4,5-DIHYDROXY-IMIDAZOLIDIN-2-ONES

Title (de)
GEMISCHE AUS ALKYLIERTEN METHYLOLIERTEN 4,5-DIHYDROXY-IMIDAZOLIDIN-2-ONEN

Title (fr)
MELANGES DE 4,5-DIHYDROXY-IMIDAZOLIDIN-2-ONES METHYLOLEES ALKYLEES

Publication
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Application
EP 97954477 A 19971230

Priority
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Abstract (en)
[origin: DE19654739A1] A process is disclosed for preparing mixtures of mixed-alkylated methylolated 4,5-dihydroxy-imidazolidin-2-ones by reacting methylolated 4,5-dihydroxy-imidazolidin-2-one (DMDHEU) with a monovalent C1-5-alcohol and a polyol selected in the group which comprises ethylene glycol, diethylene glycol, 1,2- and 1,3-propylene glycol, 1,2-, 1,3- and 1,4-butylene glycol, glycerin and polyethylene glycols of formula HO(CH₂CH₂O)_nH, in which 3<=_n<=20. The monovalent C1-5-alcohol and the polyol are used in an amount of 0.1 to 2.0 molar equivalents each, with respect to DMDHEU, and the reaction is carried out at temperatures from 20 DEG C to 70 DEG C at a pH value from 1 to 2.5, the pH value being set at 4 to 8 after the reaction.

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IPC 8 full level
C07D 233/40 (2006.01); **C08G 65/333** (2006.01); **D06M 13/432** (2006.01); **D06M 15/423** (2006.01)

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