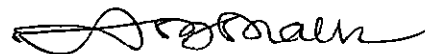


Claims We claim,

1. A process for the preparation of 4-Chloro, 4'-hydroxy benzophenone which comprises a one step reaction between p-chlorobenzoyl chloride and phenol in the presence of a lewis acid in a solvent.
2. A process as claimed in claim 1 where the reaction is carried out in the temperature range of 30-120°C.
3. A process as claimed in claim 1 where the solvent is Nitrobenzene or o-dichlorobenzene
4. A process as claimed in Claim 1 where the Lewis acid used is Aluminum Chloride
5. A process as claimed in Claim 1 where the Amount of Aluminium Chloride used is in the range 1.05 to 2.5
6. A process as claimed in any one of Claims 1 to 5 where a mixture of Phenol and inert solvent is treated first with Aluminum Chloride and then subsequently with p-chlorobenzoyl chloride or vice versa.
7. A process for further purifying the 4-Chloro, 4'-hydroxy benzophenone produced by the process as claimed in Claim 1 to 7 by solvent crystallization using a mixture of an aromatic hydrocarbon and a polar solvent .
8. A process as claimed in Claim 7 wherein the the aromatic hydrocarbon is any one of Benzene, Toluene or Xylene and the polar solvent is any one of acetone, methanol or ethanol.

<sup>th</sup>  
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Applicants

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