


WE CLAIM

1. A process for synthesis of pure Sodium 2-ethylhexanoate salt comprising of reaction between ethylhexanoic acid and aqueous solution of sodium hydroxide
 - Wherein the dehydration of aqueous solutions of Sodium 2-ethylhexanoate salt is done by the exothermic heat generated during the reaction itself under controlled conditions of pH 7.2-7.6 and at atmospheric or reduced pressure.
 - Wherein subsequent drying of this concentrated salt containing about 70% weight of Sodium 2-ethylhexanoate salt is done in an open pan at a product temperature below 150°C to obtain lumps of Sodium 2-ethylhexanoate salt which are powdered by multi milling operation.
2. The process for synthesis of pure Sodium 2-ethylhexanoate salt as claimed in claim 1 wherein concentrated Sodium 2-ethylhexanoate salt is pan dried to obtain moisture content as low as 1.5-2.0%.
3. A process for the synthesis of pure Sodium 2-ethylhexanoate salt as described herein with reference to the detailed description.

Dated: day of November, 2009


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