

**PRODUCTION OF HIGH BN ALKALINE EARTH METAL
SINGLE-AROMATIC RING HYDROCARBYL
SALICYLATE-CARBOXYLATE**

ABSTRACT

An overbased alkaline earth metal single-aromatic ring hydrocarbyl salicylate-carboxylate is produced by overbasing a mixture of a single-aromatic ring hydrocarbyl salicylate, at least one solvent, a metal hydroxide, and an alkyl polyhydric alcohol alkaline earth metal hydroxide, by contacting that mixture with carbon dioxide under overbasing reaction conditions. The alkyl group of the alkyl polyhydric alcohol has from one to five carbon atoms. The overbased metal single-aromatic ring hydrocarbyl salicylate is treated, before, during, or subsequent to overbasing, with a long-chain carboxylic acid to form a single-aromatic ring hydrocarbyl salicylate-carboxylate.

990 4446 3