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The industrial product is a mixture of three stereoisomers. Concentration of the trans,trans isomer by treating the isomer mixture with phosphoric acid under reduced pressure at 230 C or by recrystallization from branched octanes [82] is important because polymerization of the pure isomer gives polyamides of better quality.

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How to Cite. Smulders, E., von Rybinski, W., Sung, E., R  hse, W., Steber, J., Wiebel, F. and Nordskog, A. 2007. Laundry Detergents. Ullmann's Encyclopedia of ...

Laundry Detergents - Ullmann's Encyclopedia of Industrial

Flavors and Fragrances). m-Cresol with a purity 98.5% must be used as the starting material for thymol production, because 2-isopropyl-4-methylphenol, derived from p-cresol (the main contaminant of commercial m-cresol), cannot be easily separated from thymol. In the industrial process employed by Bayer [173], m-cresol and propene, both in the liquid state, are pumped through a pressure tube filled with activated alumina.

Ullmann's Encyclopedia of Industrial Chemistry || Phenol

Readers may find the website on Ullmann's Encyclopedia [1] regarding this publication very useful. First published in 1914 by Professor Fritz Ullmann in Berlin, Ullmann's Encyklop  die der technischen Chemie (as the German title reads) quickly became the standard reference work in industrial chemistry.

Molecules 1999 4, 368-370 molecules - MDPI

Ullmann's Encyclopedia of Industrial Chemistry is a reference work related to industrial chemistry published in English and German. As of 2016 it is in its 7th edition.

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consideration for industrial practice [32]. The stability of hydrogen cyanide solutions depends on the degree of dilution: at concentrations below 0.1 mol/L HCN, the acid is stable; addition of traces of acid prevents decomposition. Like pure HCN, the exothermic polymerization of an aqueous solution is accelerated by the presence of alkali.

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