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(71) Applicant (for all designated States except US): ZENBECA LIMITED [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).	(57) Abstract A dispersant which is a phosphate ester of a block copolymer of formula $\text{MeO}(\text{C}_2\text{H}_4\text{O})_m(\text{PES})_n\text{H}$ wherein PES is derived from ϵ -caprolactone, m is 5-60, n is 2-30 and the MW of $\text{MeO}(\text{C}_2\text{H}_4\text{O})_m$ is greater than the MW of $(\text{PES})_n$ and use in aqueous-based paints and printing inks.	
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(22) Int. Filing Date: 27 November 1996 (27.11.96)	A1	(43) Int. Publication Date: 5 June 1997 (05.06.97)
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(71) Applicant (for all designated States except US): BEIJING CHAObAI RIVER NEW TECHNOLOGY RESEARCH INSTITUTE [CN/CN]; Qiantuancun, Fengboxiang, Shunyi County, Beijing 101300 (CN).	(57) Abstract The present invention discloses a type of new derivatives of ascorbic acid having characterizations of the esterification at C ₃ and the introduction of OXY-acid groups containing P, As, Sb and Bi. Thus the physical and the chemical properties thereof are improved and the total stability against water, heat and light as well as the physiological activity are increased. The compounds of the present invention are used in cultivation, food industry and the control of disease in plants and animals.	
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