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[54] ETHYLENICALLY UNSATURATED POLY(ALKYLENEOXY) SURFACTANTS

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 974,035, Nov. 10, 1992, abandoned, which is a continuation of Ser. No. 722,423, Jun. 27, 1991, Pat. No. 5,162,475, which is a continuation-in-part of Ser. No. 625,321, Dec. 10, 1990, abandoned, which is a continuation-in-part of Ser. No. 552,355, Jul. 12, 1990, abandoned, which is a continuation of Ser. No. 436,968, Nov. 15, 1989, abandoned, which is a continuation of Ser. No. 209,249, Jun. 20, 1988, abandoned.

[51] **Int. Cl.**[5] **C07C 43/04**; C07C 43/15; C07C 211/03; C07C 305/04

[52] **U.S. Cl.** **558/34**; 558/51; 568/614

[58] **Field of Search** 558/34, 51; 568/614

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[57] **ABSTRACT**

Describes terminally ethylenically unsaturated poly(alkyleneoxy) surfactant compounds of the general formula, $R—O—(R'O)_m—(EO)_{n-1}—CH_2CH_2—X$, wherein R is the ethylenically unsaturated hydrocarbon group, e.g., allyl, R' is the bivalent radical derived from butylene oxide, E is the bivalent ethylene radical, m and n are numbers of from 10 to 15 and 10 to 40 respectively, and X is chloride, tertiaryamino, sulfonate, sulfate, phosphate, isethionate and alkali metal salts of the anionic groups. These surfactant compounds may be used in emulsion polymerization of ethylenically unsaturated, e.g., vinyl, monomers.

11 Claims, No Drawings