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(71) Applicant: **ECOLAB USA INC.** [US/US]; 1 Ecolab Place,
St. Paul, Minnesota 55102 (US).

(72) Inventors: **DHAWAN, Ashish**; 1456 Radcliff Lane, Au-
rora, Illinois 60502 (US). **SILVERNAIL, Carter M.**; 705
Chicago Drive, Burnsville, Minnesota 55306 (US).

(74) Agent: **SARAGENO, Lori P.** et al.; KAGAN BINDER,
PLLC, Suite 200, Maple Island Building, 221 Main Street
North, Stillwater, Minnesota 55082 (US).

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(54) Title: ALKOXYLATED (HYDROXYALKYL)AMINOPHENOL POLYMERS AND METHODS OF USE

(57) Abstract: Disclosed herein are polymers formed by the condensation of bis(hydroxycarbyl)-aminophenolic compounds with aldehydes. The condensation polymers include one or more repeat units having bis(hydroxycarbyl)amino functionality. The hydroxyl groups of the bis(hydroxycarbyl)amino functionalities are available for further condensation with an epoxide, such as ethylene oxide, to yield a polyalkoxylated polymer. The polymers are useful as antipolymerants, polymerization retardants, surfactants, or a combination of these in one or more industrial systems.



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