

**Synthesis and aqueous phase behavior of homo- and copolymers of 1,1-diallyl-4-formylpiperazinium chloride.** Asrof Ali, Sk.; Zaka Ahmed, S.; Wazeer, M. I. M.; Hamad, Esam Z. Chem. Dep., King Fahd Univ. Pet. Miner., Dhahran, Saudi Arabia. Polymer (1997), 38(13), 3385-3393

**Abstract**

Cyclopolymn. of 1,1-diallyl-4-formylpiperazinium chloride in water using t-Bu hydroperoxide as initiator gave a water sol. polymer. Copolymers with SO<sub>2</sub> were prepd. in DMSO using ammonium persulfate as initiator. The compn. and phase diagram of the aq. two-phase systems of the homopolymer and copolymer was studied.