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Answers per Page [20] | 1 2 3 4 5 | Display: [icon]

1. ☒ 1. **Sugar-sorbitol based polymeric surfactants for**
 By Deshpande, Anand D.; Gogte, B. B.; Phate, B. W.
 From International Journal of ChemTech Research (2010), 2(4), 2009-2014. Language: English; Database: C.A.B. BIOSIS

2. ☐ Export

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Novel polymers based on sorbitol, **sugar**, and maleic anhydride have been synthesized. Various parameters such as time of reaction, temp., and mole ratio have been studied. Novel catalysts have also been used for these expts. some compns. have been selected for further studies. Polymeric surfactants are known to contribute towards soil suspension, soil removal, and redn. in surface tension. Selected novel compns. of polymers have been used in powder detergent formulations as active ingredients. About 10-12 % incorporation gives excellent results. The petroleum actives such as soft acid slurry, alpha olefin sulfonate can be replaced in parts with these novel polymers. Petroleum resources are soaring in price and availability of their replacement with novel polymers of vegetable origin will certainly promote green environment.





