

ABSTRACT

The present invention is a polyoxyalkylene polyol, its manufacture method, and derivatives, wherein: it is obtained using a phosphazanium compound as a catalyst; the hydroxyl value is 2 ~
5 200 mgKOH/g; total degree of unsaturation is 0.0001 ~ 0.07 meq./g; the head-to-tail bond selectivity of the polyoxyalkylene polyol is 95 mole %; and when the maximum height of the peak of GPC elution curve is set to be 100 %, W_{20} is defined as the peak width at the 20% peak height, and W_{80} is defined as the peak width
10 at 80 % peak height, the ratio of W_{20}/W_{80} is 1.5 or greater, and less than 3.