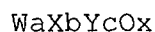


CATALYST FOR OXIDIZING METHYLBENZENES AND METHOD FOR
PRODUCING AROMATIC ALDEHYDE

ABSTRACT

A catalyst for the oxidation of methylbenzene having the formula:



Wherein W represents a tungsten atom; X represents at least one kind of element selected from P, Sb, Bi and Si; Y represents at least one element selected from Fe, Co, Ni, Re, Cr, V, Nb, Ti, Zr, Zn, Cd, Y, La, Ce, B, Al, Tl, Sn, Mg, Ca, Sr, Ba, Li, Na, K, Rb and Cs; O represents an oxygen atom; a, b, c and x represent the numbers of atoms W, X, Y and O, respectively; provided that the proportions of a, b and c are such that when a=12, b=0.5 to 10 and c=0 to 15; x represents a numerical value which is determined by the oxidised states of the elements other than oxygen.



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