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(54) Title: PROCESS OF PREPARING A FLUID RARE EARTH ALKOXYLATION CATALYST

(57) Abstract: Process for the preparation of a fluid rare earth phosphate catalyst composition comprising: a) providing a rare earth salt soluble in active hydrogen containing organic compound at a temperature of less than 120 °C; b) adding and dissolving the rare earth salt in the active hydrogen containing organic compound thereby producing a rare earth/organic solution; and c) adding phosphoric acid to the rare earth/organic solution in a rare earth salt to phosphoric acid molar ratio in the range of 0.7:1 to 1.3:1 thereby producing the fluid rare earth phosphate catalyst composition; and a process for the preparation of alkylene oxide adducts of active hydrogen containing organic compounds, which comprises contacting an alkylene oxide reactant comprising one or more vicinal alkylene with an active hydrogen containing reactant comprising one or more active hydrogen containing organic compounds, in the presence of a catalytically effective amount of such a fluid catalyst composition.