

A B S T R A C T

Catalyst Composition Usefull For Hydrogenation Of Dienes

A supported catalyst composition, which is effective as a diolefin hydrogenation catalyst, comprises palladium, silver and alkali metal fluoride. This catalyst composition is employed in the selective hydrogenation of C₄-C₁₀ diolefins (preferably 1,3-butadiene) with hydrogen gas to the corresponding monoolefins.