We give a definition of MF traces are $C^*$-algebras which is an analogue of the quasidiagonal traces defined by N. Brown. Roughly, a tracial state $\tau$ on a $C^*$-algebra $A$ is MF if there is a sequence of finite rank *-linear functions on $A$ which are asymptotically multiplicative and asymptotically recover the trace $\tau$. Given an action of a group $G$ on a $C^*$-algebra $A$ and an invariant trace $\tau$ on $A$, we consider when the induced trace on $A \rtimes G$ is MF.