

ABSTRACT OF THE DISCLOSURE

TARGETED DELIVERY OF ACTIVE/BIOACTIVE AND PERFUMING COMPOSITIONS INCLUDING COMPOSITIONS FOR FRAGRANCING AT LEAST ONE PERFUMABLE MATERIAL AND THE ENVIRONMENT PROXIMATE THERETO, METHODS FOR USING SAME AND PROCESSES FOR PREPARING SAME; AND NOVEL COMPONENTS OF THE COMPOSITIONS AND NOVEL USES OF COMPONENTS OF THE COMPOSITIONS AND PROCESS FOR TESTING DIFFUSIVITY, ODOR CHARACTER AND ODOR INTENSITY OF A FRAGRANCE MATERIAL AND FRAGRANCE DIFFUSION EVALUATION APPARATUS FOR CARRYING OUT SUCH A PROCESS

Described are controlled, time-release microparticulate active and bioactive compositions (including perfuming compositions) for targeted delivery to services such as skin, hair and fabric and the environment proximate thereto, where the active and bioactive materials have a calculated $\log_{10}P$ values of between 1 and 8 (P being the n -octanol-water partition coefficient). Such compositions include the active or bioactive material in single phase, solid solution in a wax or polymer matrix also having coated thereon and/or containing a compatible surfactant. Also described are processes and apparatus for preparing such compositions and processes for using same. Furthermore, certain component(s) of the aforementioned compositions in combination with one another are novel, and other components have novel uses in increasing fragrance substantivity.

Also described is fragrance diffusion evaluation apparatus for testing the diffusivity, odor character and odor intensity of a fragrance material and a process for using same. The apparatus includes at least one hollow container means having a test sample suspended therein, air flow means for passing air through the inside of the container means and an exit port for the air flow where the intensity and aroma character are measured as a function of time and as a function of temperature. The sample is weighed initially and at time intervals while the air is flowing through the cylinders at a fixed or variable rate.