

ABSTRACT

Title: Free-Flowing Powder Fabric Softening Composition and Process For Its Manufacture

A process of producing a free-flowing spray dried particulate fabric softening composition is provided and comprises the steps of:

- (a) forming a crutcher slurry containing:
 - (i) from about 5 to 40%, by weight, of a cationic quaternary ammonium softening compound;
 - (ii) from about 0.5 to 15%, by weight, of an anionic and/or a nonionic detergent compound;
 - (iii) from about 45 to 85%, by weight, of urea, the above percentages being based on the solids content of the slurry, in the absence of water;
- (b) mixing the crutcher slurry formed in (a) to provide a uniform mixture or dispersion having an average particle size of less than about 1.0 micron and thereafter;
- (c) spray drying the aforesaid mixture or dispersion in a spray tower wherein the water content of the mixture is substantially evaporated to provide free-flowing particles of a softening composition capable of being readily dispersed in water.