

Title (en)

ANHYDROUS GEL DEODORANT COMPOSITIONS CONTAINING VOLATILE NONPOLAR SOLVENTS

Title (de)

WASSERFREIE GELDEODORANT-ZUSAMMENSETZUNGEN MIT FLÜCHTIGEN UNPOLAREN LÖSUNGSMITTELN

Title (fr)

COMPOSITIONS DESODORISANTES GEL ANHYDRE CONTENANT DES SOLVANTS NON POLAIRES VOLATILS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9858624A1] Disclosed are anhydrous gel deodorant compositions comprising from about 0.001 % to about 50 % by weight of deodorant active, fragrance, or combination thereof; from about 0.01 % to about 20 % by weight of a fatty acid salt gellant; from about 1 % to about 50 % by weight of a nonpolar volatile solvent having a solubility parameter of less than 8.0 (cal/cm³)^{0.5}, a vapor pressure of from about 0.01 mm Hg to about 6 mm Hg at 25 DEG C, and a boiling point at 1 atm of less than about 250 DEG C; from about 1 % to about 10 % by weight of a polar solvent having a solubility parameter of from 12.5 (cal/cm³)^{0.5} to about 25 (cal/cm³)^{0.5} and optionally a moderately polar solvent having a solubility parameter of from about 8.0 (cal/cm³)^{0.5} to less than 12.5 (cal/cm³)^{0.5}. Also disclosed are anhydrous gel deodorant compositions comprising select combinations of metal salts of fatty acid gellants and glycerin. Also disclosed are anhydrous gel deodorant compositions containing improved combinations of deodorant actives, and gel deodorant compositions containing 1,2-hexanediol as a moderately polar solvent. These compositions provide improved performance, product clarity, and/or skin feel characteristics, and are especially effective at providing deodorant application which is milder to the skin and which causes little or no skin irritation.

IPC 1-7

A61K 7/32

IPC 8 full level

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