

Title (en)
PROCESS AND COMPOSITION FOR CLEANING SURFACES

Title (de)
VERFAHREN UND ZUSAMMENSETZUNG ZUR REINIGUNG VON OBERFLÄCHEN

Title (fr)
PROCEDE ET COMPOSITION DE NETTOYAGE DE SURFACES

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Abstract (en)
[origin: WO9626263A1] When products comprising aqueous solutions of nonionics or nonionic/solvent systems are sprayed as fine droplets to form a discontinuous film, either less cleaning effort can be used with the same level of product, or the same effort can be used with less product. It is believed that the effect is due to the presence of an increased number of menisci and evaporation of the aqueous liquor or part of any solvent component from the product on the surface, and further believed that this evaporation causes local increases in concentration and/or local turbulence which enhances the cleaning process. Accordingly, a first aspect of the invention provides a packaged, aqueous or solvent-containing, nonionic cleaning composition, in a container provided with a spray jet adapted to deliver the composition to a surface in the form of a spray, characterized in that the dosage applied to the surface by each operation of the spraying apparatus falls in the range 0.15-0.5 ml and the said dose is applied over an area of at least 50 cm² when the spray is operated 15 cm from the surface. A further aspect of the invention relates to a method using the above-mentioned packaged composition. Preferred compositions have a pH of > 10 and comprises, in admixture with water, nonionic surfactant, solvent, an alkanolamine, buffer/alkali and a polymer.

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