



Certificate

Food regulatory assessment of the liquidizing agent "2 in 1 Fountain-Solution"

Client: Dr. Lischka GmbH
Marktplatz 27
A – 4193 Reichental

Order No.: PA/4359/10

Sample: "2 in 1 Fountain-Solution"

The product "2 in 1 Fountain-Solution" is used in the printing process of cardboards intended for food contact application. For this, the product is used as a diluted solution of 12 % or 5 %, respectively.

The food regulatory assessment of a possible transfer of components onto the printed cardboard is evaluated on basis of the product formulation (EC Safety Data Sheet for the "2 in 1 Fountain – Solution", Version 2.0./d; date: 23.10.2009), further customer information concerning the use of a water softener and theoretical considerations concerning the maximum possible transfer of components („worst case" assumption) for a 12 % diluted "2 in 1 Fountain-Solution". According to customer's information, under practical application conditions 50 L of the 12 % solution are used per 100 000 cardboard sheets of 1 m² area (Fraunhofer IVV test report PA/4359/10, dated 28.9.2010).

Under the given application conditions, the components of the "2 in 1 Fountain-Solution" are in compliance with the EU Plastics Directive 2002/72/EC (last amendment by Regulation (EC) No. 975/2009) and the German Bedarfsgegenständeverordnung (last amendment 3.8.2010) and the Recommendation No. XXXVI for paper and cardboards for food contact application (date: 01.06.2009) of the German Federal Institute of Risk Assessment (BfR), respectively.

Under the application and dilution conditions specified by the client, the maximum transfer of components from the correctly diluted "2 in 1 Fountain-Solution" onto the produced cardboards is in compliance with the safety requirements of Article 3 of the EU Framework Regulation (EC) No. 1935/2004.

Fraunhofer Institute
Process Engineering
and Packaging


Dr. Diana Kemmer
(Dep. Head of Migration Laboratory)

Freising, 14.12.2010


Dr. Ingrid Walz
(Food Chemist)