



Chemical migration and food contact materials

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Food and beverages can be very aggressive chemical milieu and could interact strongly with components that they touch. Whenever food is placed in contact with another substance, there is a risk that chemicals from the contact material may migrate in to the food. With its distinguished editors and international team of authors, Chemical migration and food contact materials can be an essential reference for scientists and professionals in food packaging manufacture and food processing, and also all those worried about assessing the safety of food. Part 1 discusses the regulation and quality control of chemical migration into food. Because the demand for pre-packaged foods raises, so might the potential risk to customers from the release of chemicals into the food product. Testimonials worldwide regulation of food contact materials Includes the latest developments in the evaluation of food contact materials Looks in detail at different food contact materials Food packaging may be the most obvious example of a food get in touch with material. Part two testimonials the latest advancements in areas such as for example exposure estimation and analysis of food contact components. The ultimate part contains specific chapters on major meals contact materials and product packaging types, such as recycled plastics, metals, paper and board, multi-layer packaging and intelligent product packaging. These chemicals may be harmful if ingested in huge amounts, or impart a taint or odour to the meals, negatively affecting food quality. Chemical substance migration and food get in touch with materials reviews the latest controls and research in this field and how they may be used to ensure that food is secure to eat.



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