Residues of Food Contact Materials in Food

18 and 19 November 2020
in Frankfurt/Germany

Highlights

Risk management and risk assessment
- European Union update on food contact materials (FCM) in foodstuffs
- EFSA’s recent activities in the area of FCM

Emerging materials
- New paper-based packaging
- Alternatives to perfluoro-compounds

Sustainability aspects
- Migration of oligomers and other NIAS from biopolymers
- Migrants from mechanically recycled plastics
- Solvent-based recycling approach

Safety aspects
- Microplastics: Analytical method development
- How to determine endocrine activity?
- Endocrine disrupting substances in food contact articles
- Printing ink residues in FCM
- Safety evaluation of printing ink layers
- Analysis of Glymo and hydrolysis products
- Risk assessment of cyclic esters in adhesives

Safety aspects
- How to perform a reliable analysis of MOH?
- Current activities of the Council of Europe

The Experts

Wednesday, 18 November 2020

8.30  Registration and coffee

9.00  Welcoming speech by Akademie Fresenius and the Chair
Dieter Schrenk, University of Kaiserslautern, Germany

Risk management and risk assessment updates

9.10  European Union update on FCM in foodstuffs
Representative of the European Commission or from a Member State authority (confirmed)

9.50  Prioritisation of substances listed without a specific migration limit in the positive list of Regulation (EU) 10/2011
Alexandros Lioupis, European Food Safety Authority (EFSA), Italy

10.15  Panel discussion
10.50  Coffee and tea break

Sustainability aspects

11.20  Migration of oligomers and other NIAS from biopolymers
• Oligomers, migration analysis, NIAS, biopolymers
Cristina Nerin, University of Zaragoza, Spain

11.45  Potential migrants from mechanically recycled plastics
• Migrants from PET and migrants from the more difficult recycled plastics such as HDPE and PS
• How to evaluate these migrants?
Frank Welle, Fraunhofer Institute for Process Engineering and Packaging (IVV), Germany

12.10  Newcycling® a promising solvent-based recycling approach
• Challenges to recycle multi material packaging, recycling types and Newcycling® Process
• Challenges and solution approaches for recycled polyolefins in FCM and related applications
Norbert Ost, APK, Germany

Emerging materials

14.20  Innovative processes and materials as alternatives to perfluoro-compounds: Overview and challenges pertaining to compliance with FCM regulations
• Barrier solutions that offer a possible alternative to fluorinated compounds and their current status towards compliance with FCM regulation
• Case study: The path to compliance for PVOH-coated cellulosic materials treated using chromatogeny
Caroline Locre, CTP – Centre Technique du Papier, France

14.45  Paper and board FCM: Challenges and research for food safety and sustainability
Antje Harling, Papiertechnische Stiftung (PTS), Germany

15.10  Panel discussion
15.30  Coffee and tea break

Safety aspects

16.00  How to determine endocrine activity and relevance for humans
Ivonne Rietjens, Wageningen University & Research, The Netherlands (to be confirmed)

16.25  Endocrine disrupting substances in food contact articles
• Consumer concerns and endocrine disruptors (ED) in the media vs the scientific point of view
• Methods for identifying potential ED in plastics and how to do in vitro bioassays work
• Analysis of food packaging materials and toys – examples and results
Elisa Mayrhofer, OFI – Austrian Research Institute for Chemistry and Technology, Austria

16.50  Panel discussion
17.10  Short break
17.25  European test: Printing ink residues in paper and board FCM
Stine Müller, The Danish Consumer Council, Denmark

17.50  Safety evaluation of printing ink layers in FCM
• Selection and evaluation of substances, which are used in printing inks by the ink industry (including NIAS)
• Communication of evaluation results along the supply chain
• Use of the evaluation results in the printers’ and converters’ conformity work
Matthias Henker, European Printing Ink Association (EUPIA), Belgium

18.15  Panel discussion
18.35  End of first conference day
19.15  Departure time for the evening event

After the first conference day you are most welcome to attend our evening event. Please join us to continue the day’s interesting discussions in a relaxed and comfortable atmosphere.

Thursday, 19 November 2020

8.20  Welcoming speech by the Chair
Peter K.T. Oldring, Sherwin Williams, UK

8.30  Microplastics: Challenges in analytical method development
Nizar Benismail, European Federation of Bottled Waters (EFBW), Belgium

8.55  Re-evaluation of elastomers and refinement of the BfR recommendation XXI on rubber for FCM
Ingo Ebnern, German Federal Institute for Risk Assessment (BfR), Germany

9.20  Analysis of Glymo and hydrolysis products
• Analytical challenge of Glymo and its hydrolysis products
• Level of interest for the analysis and how to assess the analytical results
Thomas Gude, SQTS Swiss Quality Testing Services, Switzerland

9.45  Risk assessment of cyclic esters in adhesives for food contact applications
Matthias Frischmann, Association of the European Adhesive & Sealant Industry (FEICA), Belgium

10.10  Panel discussion
10.55  Coffee and tea break

Test methods and follow-up on MOH

11.25  How to perform a reliable analysis of mineral oil hydrocarbons?
• Real life examples and pitfalls of mineral oil analysis
• GCxGC-TOF-MS as technique to prevent false positive results
Susanne Kühn, Kirchhoff Institut, Germany

11.50  Composition of and migration from different polyesters and approaches for their quantification
Thomas Simat, Technische Universität Dresden (TUD), Germany

12.15  Current activities of the Council of Europe (CoE) on all material types of FCM and articles
Bianca van de Ven, RIVM – National Institute for Public Health and the Environment, The Netherlands

12.40  Panel discussion
13.30  Lunch and end of the conference

Information available online at: www.akademie-fresenius.com/2872
The Experts

Nizar Benismail is an Analytical Chemist and the Head of Nestlé’s Quality Assurance Center Vittel which is the central laboratory of Nestlé Waters based in France. He has more than 20 years of experience in analytical sciences through numerous fields. He is also a scientific expert for EFBW.

Ingo Ebner is a Chemist and works in the Unit Safety of FCM at the German Federal Institute for Risk Assessment (BfR) in Berlin. He joined the German BfR in 2009.

Matthias Frischmann is a Food Chemist and the Head of Corporate Analytics at Henkel in Düsseldorf. He joined Henkel in 2007 and has been active in the FEICA packaging expert group since 2016.

Thomas Gude has been Deputy Head of SQTS Swiss Quality Testing Services, Switzerland, for 13 years. He is heading the laboratories dealing with food and non-food analysis as well as with risk assessments.

Antje Harling is a Food Chemist and the Division Manager of Materials Testing and Analytics at the Papiertechnische Stiftung (PTS) in Heidenau. She has four years of experience in research and laboratory leadership of an official food control laboratory. She is an appointed member of the German BfR commission on consumer products.

Matthias Henker is a Chemist and the Technical Director & Food Contact of the Flint Group Packaging Inks Germany. He has almost 30 years of experience in the development and application of liquid ink for flexible packaging. He is the Chair of the EUPIA Technical Committee “Printing inks for food packaging”.

Susanne Kühn is a Chemist and was a Scientific Assistant at the Federal Institute for Materials Research and Testing (BAM). Since 2017 she has been working as Laboratory Manager at the Institut Kirchhoff Berlin. Her field of expertise is the contaminants analysis in food stuffs, especially of mineral oil hydrocarbons.

Alexandros Lioupis is a Chemist and has been working as a Seconded National Expert on the risk assessment of FCM substances and plastic recycling processes at the European Food Safety Authority (EFSA) in Parma since 2015. Before that, he has worked on FCM control at Member State level for several years, at the national reference laboratory on FCM of Greece.

Caroline Locre currently coordinates several R&D projects related to surface treatment of papers and boards and development of new FCM with specific barrier properties at Centre du Papier (CTP) in France. She joined CTP in 2013 as a Project Leader.

Elisa Mayrhofer is a Biologist and since 2018 working on the development and validation of methods for the safety assessment of unidentified substances in food packaging migrates at the Austrian Research Institute (OFI). She is a member of the ‘German BfR Committee on Consumer Products’ and the ‘GDCh Working Group Consumer Products’.

Stine Müller is a Biologist and has amongst others worked at DTU Food on risk assessment before she joined the Testing Department at The Danish Consumer Council. She is involved in the council’s project “Think Chemicals” including tests of FCM.

Cristina Nerín is a Full Professor at the University of Zaragoza in Spain and the Director of the University Analytical Research Group (GUIA). She was a Member of the WG Recycling in EFSA’s CEP Panel from 2010 to 2018.

Norbert Ost is an Environmental Chemist and has been working as a Scientific Regulatory Affairs Manager at APK since 2018. Before joining APK he worked for over one decade at the Helmholtz Centre of Environmental Research in the field of prediction of (eco)toxicity.

Peter K.T. Oldring is a Regulatory Affairs Manager at Sherwin-Williams, based in UK and is actively involved in activities to support the can coating business.

Dieter Schrenk has been a Professor for Food Chemistry and Environmental Toxicology at the University of Kaiserslautern since 1996. In 2005 he took on the full professorship for Food Chemistry and Toxicology. He joined the EFSA CONTAM Panel in 2003. Since 2018 he has been the Chair of this panel.

Thomas Simat has been a Professor and the Chair of Food Science and FCM at the Technische Universität Dresden with research on FCM since 2003. He is a member of the ‘German BfR Committee on Consumer Products’ and the ‘GDCh Working Group Consumer Products’.

Bianca van de Ven is a Toxicologist at the Department for Food Safety in the Centre for Nutrition, Prevention and Health Services of the RIVM in Bilthoven. Her main area of work is focused on safe use of substances in FCM and drinking materials. She is the Chair of the Steering Committee FCM at the Council of Europe.

Frank Welle is a Chemist and working in the Department of Product Safety and Analytics at the Fraunhofer IVV. He joined Fraunhofer in 1997. His work is related to physical-chemical interactions between packagings and foodstuffs. Since 2019 he is the Head of the Product Safety and Analytics Department.
The Organiser

For 25 years, Akademie Fresenius has been your partner for practice-orientated training on all the latest topics surrounding the safety and quality of food, consumer goods and chemical products along the whole production chain. Our portfolio not only includes international conferences but also offers national trade meetings, intensive practical seminars and training in small work groups.

Our events are designed to promote an active exchange amongst our participants and offer the perfect platform for bringing the industry, the scientific sector, the authorities and the consulting field together.

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About

Who do you meet?

Groups that should take part:
Managing directors, boards of directors, managers, consultants and scientists in the fields of
- Analysis
- Quality assurance & control
- Product safety
- Raw material control
- Regulatory affairs & support
- Research & development
- Toxicology

Sectors that should take part:
- Food and beverage industry
- Food trade
- Packaging industry
- Food inspection offices
- Laboratories
- Research institutes
- Authorities
- Professional associations

Trade Exhibition

Our conference provides you with the opportunity of presenting your company in a trade display. Present your products and services and reach out to your specific target groups. We would be happy to provide you with information on all the various options available – from displaying product information to an exhibition stand – with no further obligation on your part.

Use the attached fax reply sheet to request our information material.

Or simply call us. We would be more than pleased to assist you personally.

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The 13th International Akademie Fresenius Conference
“Contaminants and Residues in Food”

Please request more information now!
www.akademie-fresenius.com/2727

Do you have any questions?

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### Participation
- I would like to take part in the 9th International Akademie Fresenius Conference „Residues of Food Contact Materials in Food“, 18 and 19 November 2020 in Frankfurt/Germany. Fee: € 1,895.00 plus VAT.
- I am a representative of an authority or a public university and therefore eligible for a reduced fee of € 795.00 plus VAT (please provide evidence). The reduced fee cannot be combined with other rebates.
- I would like to take part in the evening event on 18 November 2020 (included in the above price).

### Event Documentation
- Unfortunately, I am unable to attend. Please send me the complete documentation for € 295.00 plus VAT.

### Trade Exhibition
- Please send me information on available options for trade exhibition and presenting product information.

### Terms of Participation and Purchase
The registration fee includes the event participation, event documentation, lunch, coffee breaks, beverages as well as the evening event. You will receive written confirmation of your registration. Upon receiving our invoice, please transfer the amount due without further deductions before the event begins.

The price of the event documentation includes a hard copy of the documentation as well as an access code to the secure Akademie Fresenius download area. Both the documents and the secure access code will be dispatched around two weeks after the event and as soon as advance payment has been received.

### Group Reductions
For joint bookings received from one company we grant a 15% discount from the third participant onwards.

### Terms of Cancellation
Written cancellations or transfers will be accepted free of charge up to four weeks prior to the start of the event. After this date and up to a week prior to the start of the event we will reimburse 50% of the registration fee. We cannot, unfortunately, provide refunds for later cancellations. Please note that you can name a substitute free of charge at any time.

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