Hot Topics

- Requirements and Challenges of the Framework Regulation
- Update on EFSA Guidance Document
- Role of Different Players in the Food Industry
- Status Quo on Safety and Global Compliance
- Overview and Use of Food Contact Chemicals to Make Food Contact Materials

Workshop

Roadmap on Existing and New Food Contact Materials – Future Prospects and Current Challenges on Safety and Sustainability
Dr Thomas Gude,
Swiss Quality Testing Services (SQTS)

Presenting Institutions and Companies

- Dr Bernard Hegarty, Food Safety Authority of Ireland
- Michelle Patel, UK Food Standards Agency
- Hans-Dieter Philipowski, ENFIT, Belgium
- Dr Sabine Vogt, BASF SE
- Jori Ringman, Confederation of European Paper Industry (CEPI), Belgium
- Carlos de la Cruz Garcia, Nestlé Nespresso S.A., Switzerland
- Dr Martin Kanert, European Printing Ink Association (EuPIA), Belgium
- Dr Birgit Geueke, Food Packaging Forum, Switzerland
- Stefan Kucsera, Federal Food Safety and Veterinary Office (FSVO), Switzerland
- Dr Ioan Paraschiv, Knoell NL B.V., the Netherlands
- Dr Christian Kirchnawy, Austrian Research Institute for Chemistry and Technology (OFI), Austria
- Koen Weel, Danone Specialized Nutrition, the Netherlands
- Dr Thomas Gude, Swiss Quality Testing Services (SQTS), Switzerland
- Roland Franz, Fraunhofer Institute for Process Engineering and Packaging (IVV), Germany
- Hazel O'Keeffe, KELLER AND HECKMAN LLP, Belgium
Monday, 27th January 2020

8.30  Registration and Coffee

8.50  Chairman's Opening Remarks
Dr Bernard Hegarty, Director of Enforcement Policy,
Food Safety Authority of Ireland

9.00  Official Controls on FCM: Protecting Consumers from Risks
- Review of the key terms and existing frameworks for the risk assessments applying to the EFSA Guidance Document
- Risk-based official control programs for FCM
- Complying with the new rules for official controls
- Managing non-compliances with FCM legislation
Dr Bernard Hegarty, Director of Enforcement Policy,
Food Safety Authority of Ireland

9.45  Social Research Strategies to Explore Trust in Food and its Regulator
- The need to for regulators and industry to maintain the trust of consumers
- How we measure that in the FSA
- What strategic changes we have made in the light of our evidence on this
Michelle Patel, Head of Social Science, UK Food Standards Agency,
United Kingdom

10.30 Networking and Coffee Break

11.00  Systematic Map on Migratable and Extractable Food Contact Chemicals
- Chemicals intentionally used to make food contact materials and articles
- Systematic overview on food contact chemicals that migrated or were extracted from FCMs and FCAs
- How can we use these data?
  - highlighting well-investigated migrants
  - identifying trends
  - enabling systematic reviews
  - addressing knowledge gaps
- How can these results be used to inform current decision making?
Dr Birgit Geueke, Scientific Officer, Food Packaging Forum, Switzerland

11.45  US Regulations of Food Contact Materials vs Regulatory Changing Systems in China
- Background on US food contact regulation
- Background on China's evolving food contact regulatory framework
- A comparison and contrast of the Basic Structure of the US and Chinese regulatory systems for food packaging
- Differences in Risk Assessment and regulatory decision making between the US and China
- Using US clearance as a basis for Clearance in China
Dr Ioan Paraschiv, Regulatory Affairs Manager,
REACH & Food Contact Materials, Knoell NL B.V., the Netherlands

13.45  Japanese Legislation: Similarities and Differences with the EU Legislation
- Overview of the Japanese food contact regulations
- New positive list system
- Compare and contrast with the EU legislation
Hazel O’Keeffe, Partner, KELLER AND HECKMAN LLP, Belgium

14.30  Printing Inks for Food Contact Materials – Current Regulation in Switzerland
- Overview on printing inks regulations in Europe
- Annex 10 of the Swiss Ordinance on FCM – a unique positive list for printing ink substances
- Procedures for the listing of new printing ink substances in Switzerland
- Germany (BfR) and Switzerland (FSVO) joint safety evaluation of printing ink substances
- Strategy for updating Swiss Annex 10
- Future developments in printing inks regulation
Stefan Kucsera, Scientific Associate Toxicology,
Federal Food Safety and Veterinary Office (FSVO), Switzerland

15.15 Networking and Coffee Break

15.45  Risky Contact Material during Transportaiton of Unpackaged Raw Materials and Food
- Influence of migration due to incorrect cleaning and disinfection
- Which transport container is suitable for which food?
- What are the risks of aluminum transport containers in the supply chain?
- Digitization with blockchain technology: practical Experience with the ENFIT B2B Innovation Project
- What possibilities does digitization offer for packaging material?
Hans-Dieter Philipowski, President, ENFIT - International Association – Supply Chain Safety, Belgium

16.30  Safety and Global Compliance of FCM Intended for Baby and Medical Foods
- Food safety hazards associated with FCM for infant and medical food
- Assuring safety of FCM for infant and medical food from the brand owner perspective
- Establishing compliance of FCM for infants and medical food on a global level
- Specific regulatory aspects of FCM for infant and medical foods
  - packaging materials
  - others: promotional items, teats, feeding sets for enteral nutrition etc.
Koen Weel, Senior Global Specification Manager Packaging,
Danone Specialized Nutrition, The Netherlands

17.15  Chairman’s Closing Remarks

17.30 End of Day 1

18.00  Evening Reception
Following the official part of the conference, Chem-Academy invites you to an evening reception at an atmospheric local restaurant. Benefit from the informal surrounding to intensify business contacts and extend your network.
Tuesday, 28th January 2020

8.40
Chairman's Opening Remarks
Dr Bernard Hegarty, Director of Enforcement Policy, Food Safety Authority of Ireland

8.45
Regulations and Safety Assessment on Food Contact Materials – a Raw Material Supplier View
• Specific view on non-harmonised food contact raw materials in EU (paper coating, adhesives)
• Compliance statements (paper coating, adhesives)
• Third party declaration (adhesive)
• Safety assessment
• Non regulatory requirements (GMO, animal free etc)
Dr Sabine Vogt, Expert of Product Stewardship, Regional Business Unit Dispersions & Resins Europe, BASF SE, Germany

9.30
Paper Industry Approach to Risk Assessment and Management
• How the regulatory environment will evolve in the EU:
  – how to ensure that companies have equal access to the market
  – managing to reduce compliance and testing costs
• What is required by businesses operating in the paper and board value chain to issue documents of compliance for a customer?
• Issues and priorities in safeguarding consumer safety
Jori Ringman, Deputy Director General, Confederation of European Paper Industry (CEPI), Belgium

10.15 Networking and Coffee Break

10.45
Printing Ink Industry’s Contribution to the Compliance of Printed Food Contact Materials
• How does the European Printing Ink Association (EuPIA) help ensure that printed food contact materials are compliant?
• Selection of raw materials for the manufacture of inks for food contact materials
• GMP: Requirements in the production of inks
• Significant information and challenges along the value chain
• The position of the Packaging Ink Joint Industry Task Force (PIJITF) on the planned EU regulation on printed food contact materials
Dr Martin Kanert, Executive Manager, European Printing Ink Association (EuPIA), Belgium

11.30
Regulatory Challenges versus Industry Implementation: Value Chain of Recycling Aluminium
• Regulatory landscape and environmental claims for packaging
• Why Aluminum? - Expectations for the future
  – Special relation of coffee and aluminum.
  – The Nespresso Sustainable Development Goals
• Food Contact Materials at Nespresso, much more than capsules
Carlos de la Cruz Garcia, Head of Regulatory & Scientific Affairs, Nestlé Nespresso S.A., Switzerland

12.15 Networking and Lunch

13.30
Microplastic – New or “Old Wine in New Bottles” in Terms of Safety
• How to deal with environmental and human health risks posed by the presence of solid particles of synthetic polymer-based materials in the environment
• Status quo on scientific evidence on the hazards and risks associated with intentionally added microplastics
• Potential pathways for the transport of microplastics and their biological interactions
• How to analyze and determine microplastic
Dr Thomas Gude, Dep. Head SQTS, Head Food/Non-Food Division, SQTS Swiss Quality Testing Services, Switzerland

14.15
Use of Nanomaterials in Food Packaging
• EU legislative background
• Are nanoparticles usual migrants?
• Risk assessment - can the consumer be exposed to NMs?
• NM applications in plastics evaluated by EFSA
Roland Franz, Senior Scientist, Fraunhofer Institute for Process Engineering and Packaging (IVV), Germany

15.00 Networking and Coffee Break

15.30
Value and Limitations of in Vitro Bioassays to Support the Safety Assessment of Food Contact Materials
• Threshold of Toxicological Concern (TTC) for the safety assessment of unknown NIAS (non-intentionally added substances)
• Introduction of the ILSI Expert Group Recommendations for the application of bioassays to support the application of the TTC
• Practical Application of the Expert Group recommendation: Results from bioassay tests on different FCM
Dr Christian Kirchnawy, Team Leader, Austrian Research Institute for Chemistry and Technology (OFI), Austria

16.15 Chairman's Closing Remarks

16.30 End of Conference

Download Graphic Recording:
www.chem-academy.com/graphic-recording-endocrine-disruptors
Today, bioplastics have become a necessity in many industrial applications such as food packaging, agriculture, composting bags and hygiene. Bioplastics have also found their use in biomedical, structural, electrical and other consumer products. With increasing demand for global plastic consumption, a lot of research is being dedicated toward exploring green materials and new ways to process them.

- How sustainable substances are anticipated to be regulated?
- Explaining and finding out what the differences are within bioplastics and natural materials
- Environmental performance of bio-based products through environmental Life Cycle Assessments (LCA)
- End-of-Life scenarios for bio-based, natural and fossil products
- Prospecting the bioeconomy: What products are most promising? Is less more?

3 New Food Contact Materials – Sustainability vs Safety

With the upcoming of sustainability discussions, especially the demand of higher recycling rates it might happen, that more and more simple (monolayer) materials will enter the market again. However, this may have a huge impact on the safety of materials in terms of migration behaviour. To avoid to have on one hand potential sustainable material and on the other hand unsafe materials, it is necessary to find a good balance. This can only be achieved if the mechanism of migration is fully understood including the relevant risk assessments which are especially for natural materials not easy to elaborate.

- Understanding migration processes
- Understanding risk assessment
- How can be recognized if a sustainable material is also safe?
- We have a more or less stable safety definition, do we have a clear sustainable definition?

4 Preparation of Declaration of Compliances for New Food Contact Materials – Prevention of Traps

For typical plastic based material the current legislation gives some advice on how to prepare DoCs at minimum, which elements should be covered by a DoC or similar documents. The main question is how to bring information into a DoC about materials, which are not yet regulated. As risk assessment is the key, a DoC with new materials should cover this topic in more details. In other words, the classical DoC needs to be extended, otherwise clients of such material have no chance to build their own opinion.

- How to set-up a DoC 2.0
- Which elements need to be implemented when working with recycling material, bioplastic and/or natural materials
- How to bring in risk assessment elements into a DoC 2.0
Chem-Academy: Know-how in Chemistry and Pharmaceuticals

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Chem-Academy organizes conferences and seminars on current topics in the chemical and pharmaceutical industries. Our events are characterized by a high practical relevance and experienced speakers from the operational practice, authorities and the science. Our participants and speakers represent the entire spectrum of the chemical and pharmaceutical industry, i.e. manufacturers, the pharmaceutical and chemical traders, downstream users and service providers. The Chem-Academy deals with those questions that cannot be answered without further ado by helpdesks, the study of legal texts or other generally accessible means.

Advance Notice

13th Annual Conference
Produkt sicherheit in der chemischen Industrie
20th to 22nd January 2020, Bonn, Germany
www.chem-academy.com/psc

6th International Conference
Endocrine Disruptors
12th to 14nd October 2020, Berlin, Germany
www.chem-academy.com/end

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Christian Ridder has been working as a business illustrator since 2013 and accompanies the events of the Chem Academy. He visualizes the presentations and discussions of the conference and draws up a visual protocol, at the same time he summarizes the complex task area in which you are active. The graphic recording will be made available to the participants as a poster after the event. You can find all previously visualized conferences on our website:
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Individual accommodation and travel are not included in the registration fee. Please arrange your own bookings respectively. Besides an inquiry to the venue hotel we recommend to consult the common hotel reservation portals.

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