

Food Contact Packaging Safety

Huhtamaki-PPL

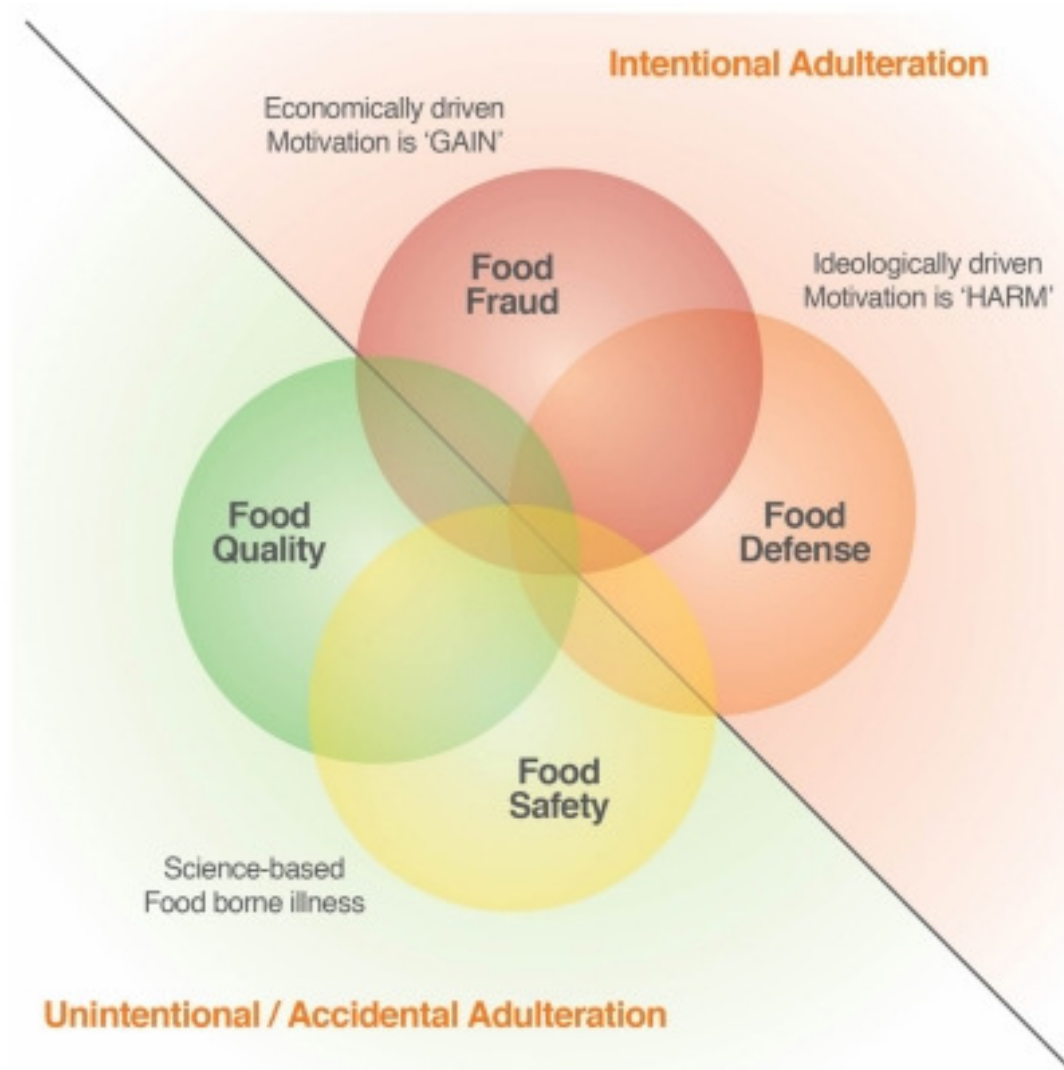
Risk Analysis from Hazards

- Hazard Classification
- Hazard x Risk factor = Risk Assessment –(S) / (NS)
- Supplier Evaluation
- Plant Activity Evaluation

Contaminants and Hazards-Hygiene Control

- Monitoring Incoming materials
- Personal Hygiene
- Foreign Body /Sharp Control
- Shipping Control -Incoming and Outgoing

Food Defence and Food Fraud



Examples of Threats

- Some examples –
 - ✓ Pilferage of packing material and using it to pack contaminated food to defame the brand
 - ✓ Intentional addition of harmful contents in the packaging material
 - ✓ Changing labels on the products
 - ✓ Inducing or injecting harmful chemicals in the ingredients

Examples of Fraud

- Some examples –
 - ✓ Pilferage of packing material and using it to pack duplicate or substandard material for economic gains.
 - ✓ Intentional addition of substitute ingredient for more profitability.
 - ✓ Declaring false benefits of products for increased sale.

Control Points

➤ Artwork Control :

- Access control
- Duplication/ Copying control
- Old artwork control
- Automation Engine Software

➤ Printed Material Wastage

- Shredding
- Disposal of shredded Material
- Reconciliation

➤ System Control to avoid Mix Up –Inhouse

➤ Printed Tape securely on the shipper

Contemporary Focus Areas

- Driven By Research Work and Regulations
- TNPP and 4 NP – Suitable PE developed
- Phthalates – Ortho and Para . How to Choose ?
- BPA – Polycarbonate bottle and Epoxy Coating
- Nanoparticles – Both Positive and Negative Impact.
Important to check on Morphology and Particle size
- Mineral Oil –MOAH , MOSH and PAH .

Teamwork To Scale New Heights



Thank You

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