



# Product Safety – Risk Assessment of Packaging Material

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# Fun Fact



# Creator of HACCP



## Hazard Analysis and Critical Control Points



# HACCP's History

- HACCP began after NASA & other agencies involved with the space program approached the Pillsbury Company & asked it to create foods that could be eaten at zero gravity.
- The request was to be 100 % certain the products would not cause injury or illness from bacterial pathogens, toxins, or chemical or physical hazards. The approach they used evolved into the food safety program now known as HACCP.
- HACCP has been recognized internationally as a logical tool for adapting traditional inspection methods to a modern, science-based, food safety system.
- The 7 principles of HACCP forms the basis of most food quality and safety assurance systems

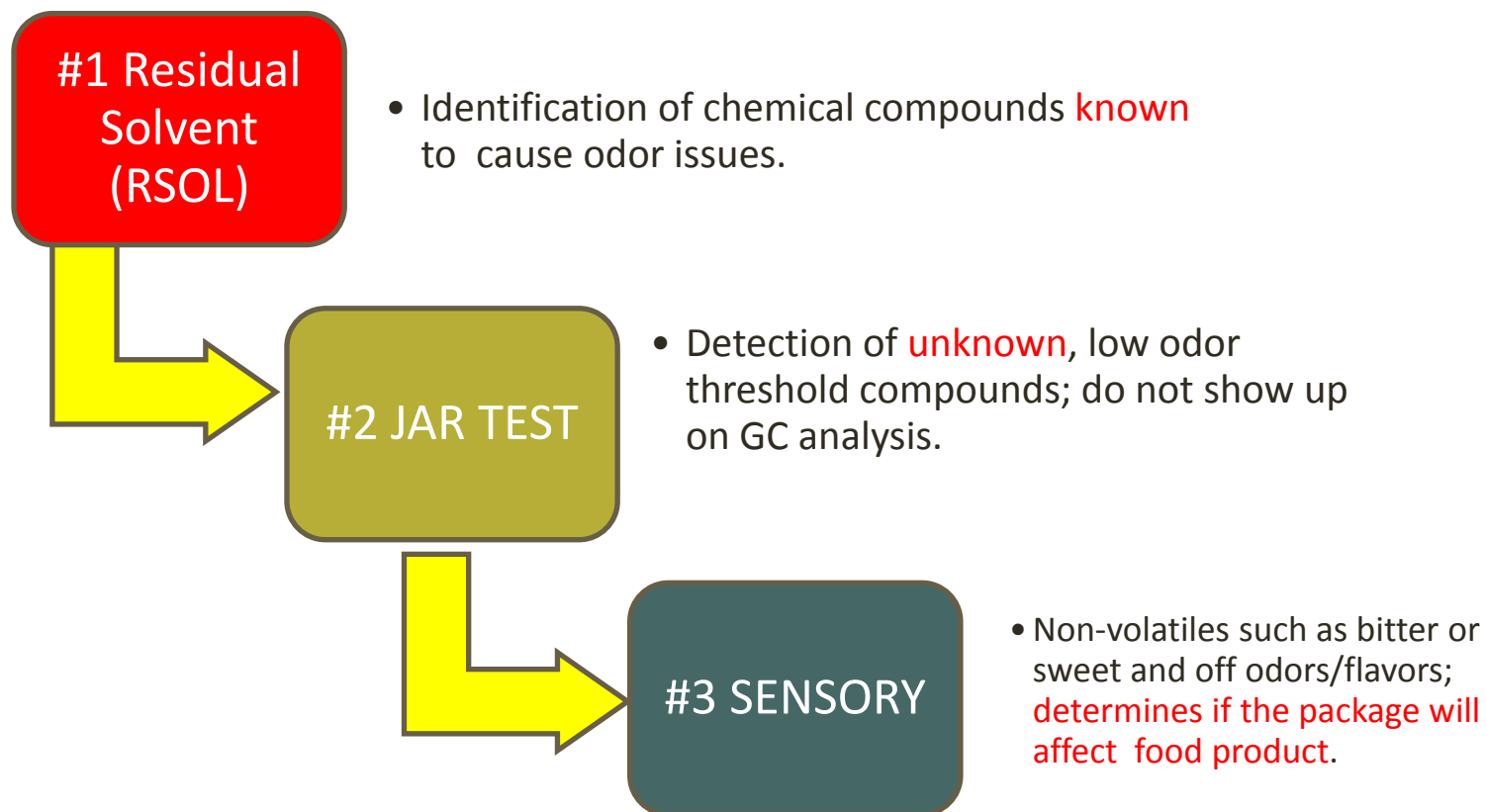


General Mills Research and Development (R&D) shall design, formulate, develop, produce, store and transport all food products, ingredients, packaging materials, and premiums in accordance with applicable corporate policies governing product safety and regulatory matters.

# Top Food Safety Related Issues Associated with Packaging

- Chemical –
  - Off flavor/odor (inks, adhesives, board, film) taints food
- Undeclared/Unlabeled Ingredients (Allergens)
  - Mixed packaging materials (e.g. labels, cartons, film, lids, cups,...)
  - Printing Errors – missing copy
- Physical - Foreign Material Contamination
  - Metal, glass, wood, pests, plastic, etc.

# Food Safety Evaluation order of completion



3 Steps to Food Safe Packaging

# Packaging Food Safety Evaluation Requirement

- Evaluate **ALL** food contact material **AND** some secondary Packaging (if there is a concern e.g. Cereal cartons):
  - Material structure change
  - Resin Change
  - Vendor location change
  - Ink change or coating change
  - Fiber source change (New Mill)



Food Safety is possible through  
best design and prevention



# Future State - 2050



# Pledge



## Disclaimer:

The views presented are of a packaging professional.

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