Recipe Management – Product Labeling

**Goal:**
Collect, adjust and finalize product technical data in preparation for incorporation into product information to be printed on packaging.

**Availability:**
- Delivered as part of Enhancement Package 4 for ERP 6.0
- Ramp-up start November 2008

**Dependencies:**
- RM labeling is delivered as part of SAP’s PLM Recipe Management solution
- RM labeling leverages product data developed in RM and contained as part of formula and product specification information
Components of Product Labeling

- Nutrition labeling (“Facts Panel”)
- Ingredient statement manipulation and generation
- Diet labeling (Kosher, allergens, i.e., “May contain …”)

**Ingredient Label**

Dough (Flour, Water, Apples, Sugar, Soy Oil, Baking Soda, Salt), Spray Coat (Sugar, Flavor (Lemon, Cinnamon), Vitamin C.

**Statements**

Contains nuts, is free of milk protein, not kosher.
RM Product Labeling — Business Process

**R&D**
- maintain ingredient data: components, nutrition, etc.
- maintain recipe data

**Labeling**
- create label names for ingredients
- create labeling information for recipe
- adapt label information for other countries
- create label content

**Artwork**
- create package artwork

- Ingredient Labeling
- Nutrition Labeling
- Diets Labeling
Label Creation: General Process Flow

1. Start label creation

2. Enter label parameters:
   - Description
   - Change Num/Key date
   - Specification
   - Usage
   - Data origin

3. Create Ingredient label list

4. Adjust ingredient label

5. Create nutrient label list

6. Rule processing

7. Display adjusted data in Label Editor

8. Calculate and adjust nutritional values

9. Create and adjust diet label data

10. Create label preview

11. Associate label with packaging

12. Save label
RM Labeling – How it Works

- Labeling in SAP PLM Recipe Management supports the process of assembling and transforming formula information into the final view of product technical data to be used on product packaging.

- Product definition information developed and managed in recipe management is used to create the three main components of food product labeling: nutrition, ingredient statement and dietary information.

- Recipe Management labeling collects formula or specification data and supports the user during the process of calculating, rounding, grouping, combining, rephrasing, and adding explanatory notes.

- Once the complete set of label data is finalized, it is associated with a packaged product and made valid based on organization element or region.
Product Labeling — Major Functions

- Create Label Set using data from recipe, formula, or specification
- Generate initial label data for ingredient, nutrition, diets
- Adjust label data using:
  - Simple rules/formulas
  - Manual adjustment
- Create and assign secondary label data
  - Grouping, label names, statements, footnotes
- Output set of label data for use in artwork process
  - Generation of PDF file format
Improved efficiency of Product Labeling Process

- Recipe Management labeling automates many of the steps of collecting, calculating, rounding, finalizing, and linking label data with packaged products

Improved Consistency of Product Labeling

- By standardizing the approach for developing labeling data and associating it with packaged products, the product labeling function of Recipe Management will help ensure the consistency and accuracy of the final label and reduce the chance for errors
Product Labeling — Expected Benefits

- Time saved by automating the various steps required to gather the necessary data, perform calculations, consolidate, and rephrase product technical information into finalized data that can be used for product labeling.
- Time saved through ready access to all components of technical information used in package labeling.
- Reduced errors in labeling data through elimination of re-keying of product data into labeling systems and instead generating label content directly from information developed in Recipe Management formulation and specification management processes.
- Reduced risk of product recalls caused by improperly labelled product.