



Presented by ESHA Research

Wednesday, April 14, 2021

11:00 AM PDT | 1:00 PM CDT | 2:00 PM EDT



ESHA Research was established in 1981 as one of the very first nutrition software solutions.

Today, ESHA

nutritional analysis, and regulatory compliance.

ESHA Solutions

- Genesis R&D[®] Food Formulation
- Genesis R&D[®] Supplement Formulation
- Food Processor[®] Nutrition & Diet Analysis
- Consulting Services

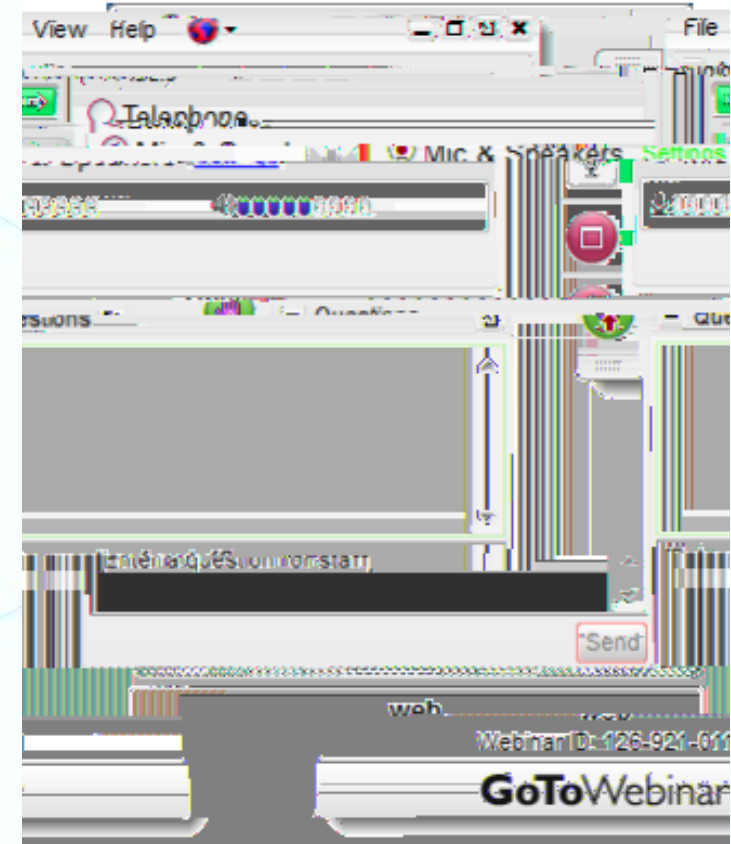
Our mission is to help remove the complexity of product development and regulatory compliance for the food, beverage, and supplement industries through software, services, and nutritional databases.







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- Major Allergens that Must Be Declared
- General Rules for Allergens
- Working with Ingredient Records and Allergens
- Adding New Allergens to your Genesis R&D
- Working with the Allergen Statement Features
- Display Options
- Q&A





- For the past three years in the U.S., undeclared food allergens have been the number one leading cause of *Class I* food recalls where the result could be a serious adverse health consequence or death - *FDA*
 -
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- Dangerous and costly



Food Allergen Labeling and Consumer Protection Act (FALCPA) of 2004

Identified the major allergens that account for more than 90% of the documented food allergies at the time.

The label of a food that contains an ingredient that *is* or contains protein
a a a a
declare the presence of the allergen.

- Crustacean shellfish* (crab, lobster, shrimp, etc.)
- Eggs
- Fish*
- Milk
- Peanuts
- Soybeans
- Tree Nuts*
- Wheat

*Specific species or variety is to be declared

Sesame likely to become 9th allergen; FASTER Act in progress



Fish: U.S. and Canada, specific species (bass, flounder, salmon, etc.) must be declared.

Gluten: Canada, EU, and Mexico, cereals containing gluten are defined as wheat, rye, barley, triticale, and/or hybridized strains and products of these. EU and Mexico also include spelt. Canada, gluten must be declared with its source.

Milk: EU and Mexico include lactose.

Sesame: U.S., sesame is under review as a major allergen. Manufacturers can voluntarily declare.

Shellfish (Crustacean): U.S. and Canada, specific species (crab, lobster, shrimp, etc.) must be declared.

Shellfish (Molluscan): Canada, specific species (oysters, clams, mussels, scallops) must be declared.

Soy: U.S., Canada, EU, and Mexico, single-ingredient products, or products containing
a a a a
Contains statement or in the ingredient statement.

Tree Nuts:



May Contains:

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Allergens Assigned to Ingredients

Ingredient	Allergens
Tea	
vanilla	
egg	
Saram	
Wende	
butter, unsalted	
granulated	
brown, packed	
sugar	

Allergen Statement	Additional Allergen Statement
Contains Egg - Milk	Contains Milk - Egg



When working with Genesis R&D:

- Best practice: assign the correct allergens when adding and entering Ingredient information in the Ingredient record
- Allergens are marked in the Ingredient record and pull forward to Recipes
- Documentation: use the Attachments feature to include allergen-related documents for ingredients
- Review the Allergen Statement in the Recipe record

QUESTIONS?



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