

TEKLYNX

Barcode Labeling Solutions

Enable Compliance with
EU Regulations on Allergen Labeling



Are you ready for the new EU food labeling regulation?

TEKLYNX International, the world's leading developer of barcode labeling software solutions, continues to support manufacturers as they address industry and regulatory changes.

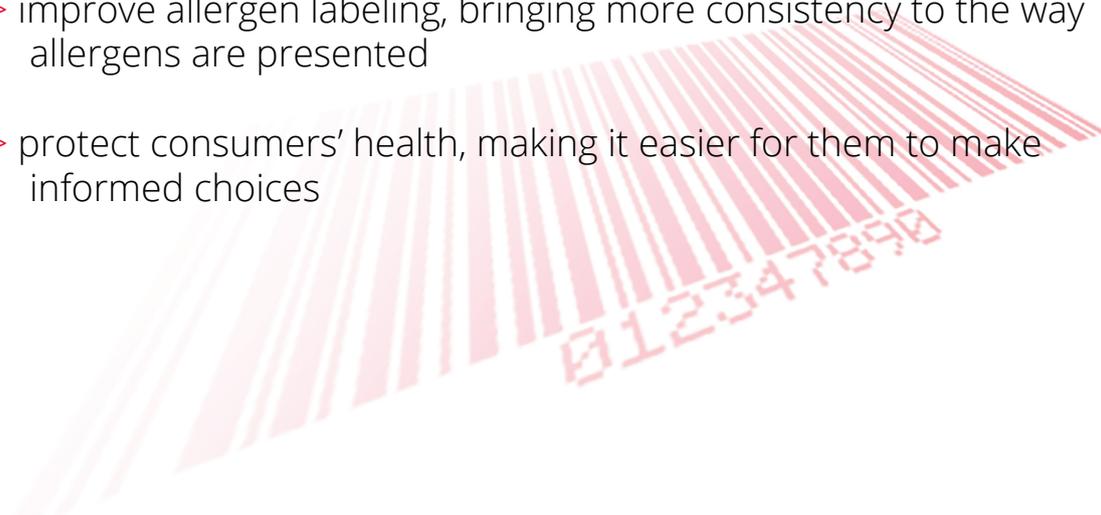
EU Regulation 1169/2011 on the Provision of Food Information to Consumers (FIC) considerably changes existing legislation on food labeling in Europe.

The FIC regulation sets new rules for:

- Mandatory nutrition information on processed foods
- Mandatory origin labeling of unprocessed meat from pigs, sheep, goats and poultry
- Highlighting allergens in the list of ingredients
- Better legibility i.e. minimum size of text on food labels
- Requirements on allergen information also cover non pre-packed foods including those sold in restaurants and cafés

The aim is to:

- > provide more readable and clear labels
- > improve allergen labeling, bringing more consistency to the way allergens are presented
- > protect consumers' health, making it easier for them to make informed choices



012347890

2014...

The new rules on **allergens** are effective since **13 December 2014**.

From that date, manufacturers must clearly highlight allergens in the ingredients list of all food manufactured and sold within the EU.

The change also impacts suppliers outside the EU who export to Europe or sell food products online to European vendors.

The obligation to provide nutrition information will apply from **13 December 2016**.

While the EU gives manufacturers several years to prepare for the change, TEKLYNX customers can easily update their food labels immediately, using the WYSIWYG ("what you see is what you get") label designer, which allows users to easily make responsive visual edits.

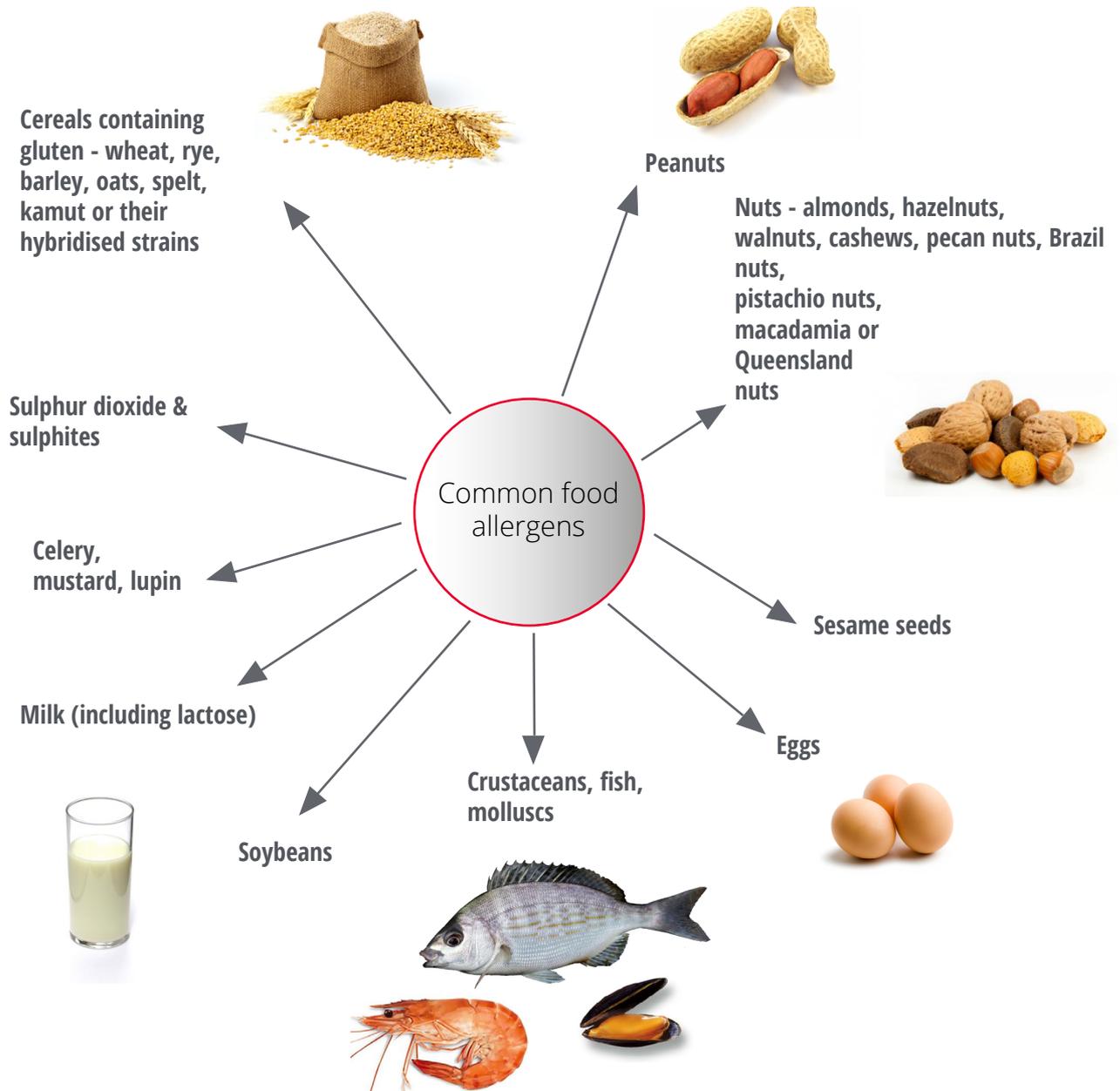
CODESOFT* and LABELVIEW* will help you produce FIC-compliant food labels.

... 2016

* version 2014 or later

Which allergens must be highlighted?

The EU has defined the most common food allergens in Europe, which must be identified on food labels



For more details, see the EU website for information on the application of Regulation (EU) N° 1169/2011 on the provision of food information to consumers

http://ec.europa.eu/food/safety/labelling_nutrition/labelling_legislation/

TEKLYNX makes compliance easy

TEKLYNX is dedicated to supporting our customers' changing needs.

Our products adapt to legislative changes to reduce the risks that non-compliance creates for your business.

Our software supports all food manufacturing labels, even if an industry regulation isn't driving the design.

Our latest CODESOFT and LABELVIEW releases make it easy to comply with the EU rules on allergens and food label legibility.



Nutrition Facts

Serving Size: 1/4 tsp (0.7g), Servings: 71, Amount Per Serving: **Calories 0**, Calories From Fat 0, **Total Fat** 0g (0% DV), Saturated Fat 0g (0% DV), Trans Fat 0g, **Cholesterol** 0mg (0% DV), **Sodium** 0mg (0% DV), **Total Carbohydrate** 0g (0% DV), Dietary Fiber 0g (0% DV), Sugars 0g, **Protein** 0g, Vitamin A (0% DV), Vitamin C (0% DV), Calcium (0% DV), Iron (0% DV). Percent Daily Values (DV) are based on a 2,000 calorie diet.

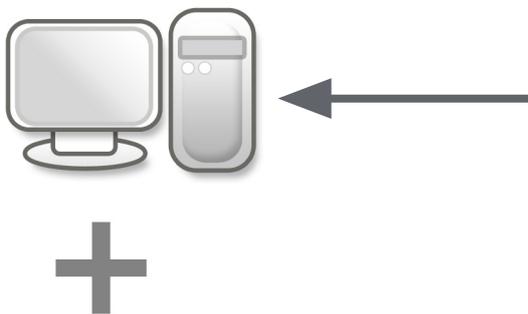
Ingredients: Mustard seed, dill seed, ginger, chili peppers, bay, cloves, allspice, celery seed, cinnamon, black peppercorns.



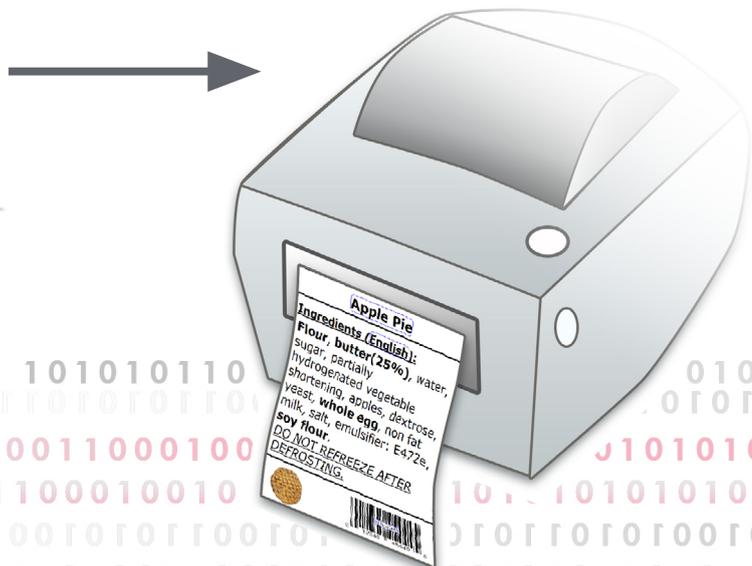
CODESOFT* and LABELVIEW* include features that allow you to **automate stylistic differences** for predefined text, such as allergens, or any ingredient that may cause allergies or intolerance.

For example, you can automatically bold the word 'egg' or 'peanut' whenever they appear in an ingredients list. Just identify the allergens in your existing database, and the change can then be applied to all relevant product labels.

The new features, **Tagged Texts Management** and **Visual Basic Scripting**, offer two different ways to make this happen.



- **Tagged Texts** is a simple user-friendly feature that can be used by anyone familiar with a Windows interface.
- **Visual Basic Scripting** is a more sophisticated option aimed at advanced users with programming knowledge.



* version 2014 or later

Tagged Texts Management

Use this feature to highlight allergens automatically and ensure that ingredient lists are printed with the required font size.

Tagged Texts Management is accessible via the **Tools** menu and allows you to:

- Format parts of text based on tags (such as bold, italic, underline)

- Automate text format from a data source containing tags (\b, \i, \u and \s)
For example
`\bpeanut\b`: **peanut**
`\ipeanut\i`: *peanut*
`\upeanut\u`: peanut
`\speanut\s`: peanut

Define Data source with Tags:
\b for Bold
\i for Italic
\u for Underline
Use Tagged Texts management (Tools menu) to Link the Data source and Text

Formula:
`=({bFlour\b, {butter(25%\b, water, sugar, partially hydrogenated vegetable shortening, apples, dextrose, yeast, {bwhole egg\b, non fat milk, salt, emulsifier: E472e, {bsoy Flour\b.\n\u\}DO NOT REFREEZE AFTER DEFROSTING.\u\})`

- Define a minimum font size for predefined text

Tagged Texts Management - User Interface

- **Data source name**

Allows you to select an existing data source with the desired tag.

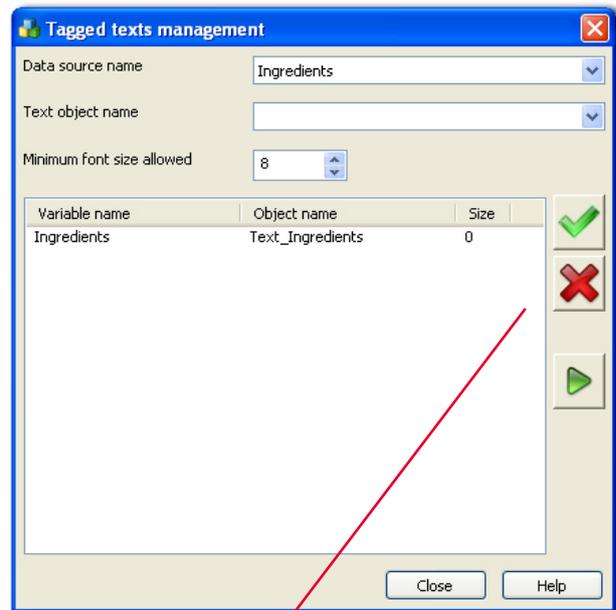
- **Text object name**

Allows you to select the text you want to associate to the data source.

- **Minimum font size allowed**

Allows you to define a minimum font size for a text object.

If the selected size is not sufficient, label printing is cancelled.



Allows you to create the tagged text on the label and apply changes.



Allows you to cancel the tagged text on the label and apply changes.



Allows you to generate a compilation error or warning, to test and correct the data source and the text object link.

Tagged Texts Management is available in:

- **CODESOFT & CODESOFT VM - Runtime, Enterprise & Network editions***
- **LABELVIEW & LABELVIEW VM - Runtime, Gold & Network editions***

* version 2014 or later

Once allergens have been 'tagged' in your database, the same format and font size can be applied to data in **multiple languages**, ensuring your food labels comply with the new rules across all EU markets.

Quantity	Reference	Name	Ingredients	Language
1	01234545445	Apple Pie	\bFlour, \bButter(25%), \iwater, \i sugar, \i partially hydrogenated vegetable shortening, \i apples, \i dextrose, \i yeast, \bwhole egg, \i non fat milk, \i salt, \i emulsifier: E472e, \bsoy flour.	
2	01234545445	Tarte aux Pommes	\bFarine, \bBeurre(25%), \i eau, \i sucre, \i mati�re grasse v�g�tale partiellement hydrog�n�e, \i pommes, \i dextrose, \i levure, \bEuf, \i lait non gras, \i sel, \i �mulsifiant: E472e, \bfarine de soja, \i levain.	
3	01234545445	Apfelkuchen	\bMehl, \bButter(25%), \i Wasser, \i Zucker, \i geh�rtetes Pflanzenfett, \i Apfel, \i Glukose, \i Hefe, \bEier, \i fettfreie Milch, \i Salz, \i Emulgator: E472e, \bSojamehl.	
4	01234545445	Apfelkuchen	\bMehl, \bButter(25%), \i Wasser, \i Zucker, \i geh�rtetes Pflanzenfett, \i Apfel, \i Glukose, \i Hefe, \bEier, \i fettfreie Milch, \i Salz, \i Emulgator: E472e, \bSojamehl.	
5	01234545445	Torta di mele	\bFarina, \bBurro(25%), \i acqua, \i zucchero, \i materie grasse vegetali idrogenate, \i mele, \i destrosio, \i lievito, \bUova, \i latte scremato, \i sale, \i emulsionante: E472e, \bFarina di soia, \i lievito.	
6	01234545445	Pastel de manzana	\bHarina, \bMantequilla (25%), \i agua, \i azucar, \i mantequilla de verduras parcialmente hidrogenado, \i manzanas, \i dextrosa, \i levadura, \bHuevo entero, \i leche desnatada, \i sal, \i emulsionador: E472e, \bHarina de soja.	

CODESOFT and LABELVIEW support Unicode
The same label can include ingredients in several languages with different character sets, such as Czech, Chinese or Russian...



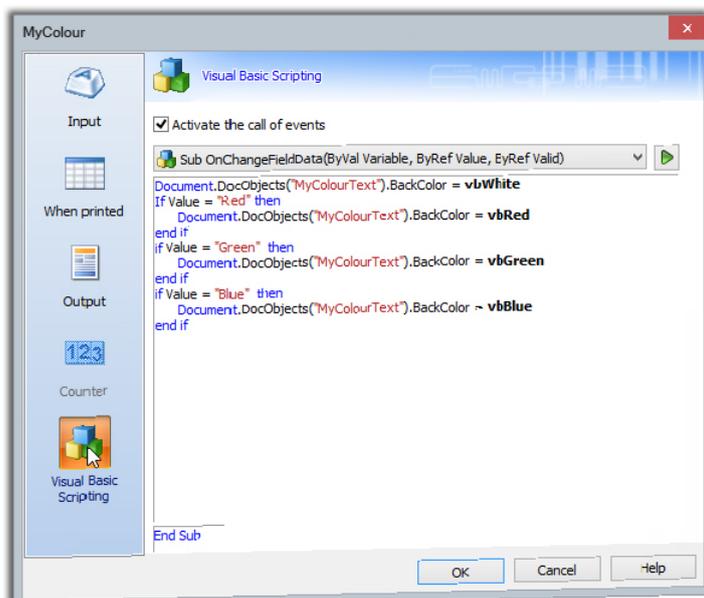
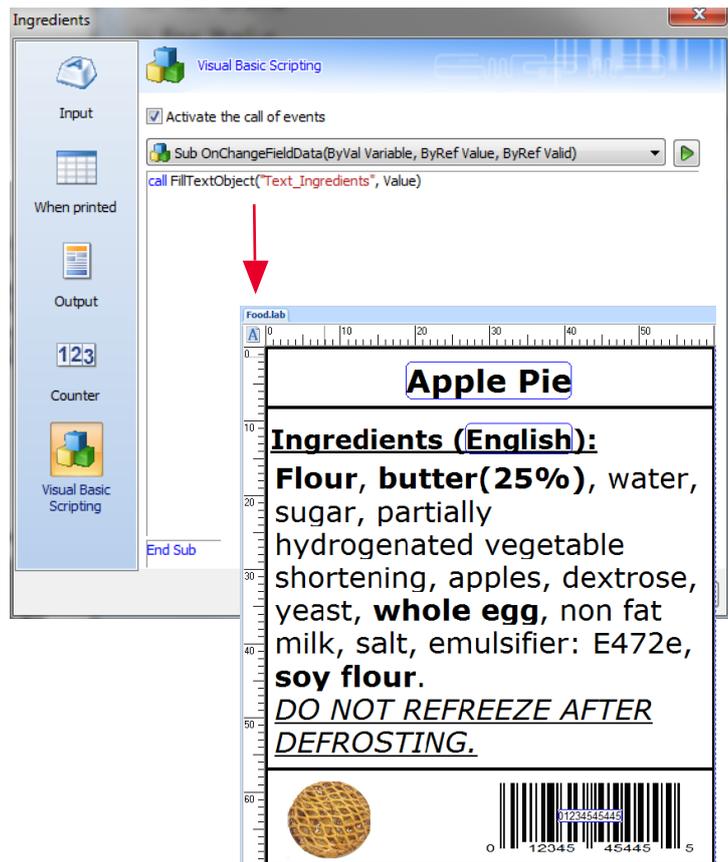
Visual Basic Scripting

This feature allows you to create labels that dynamically interact with objects and data sources at different stages of the label design and print process.

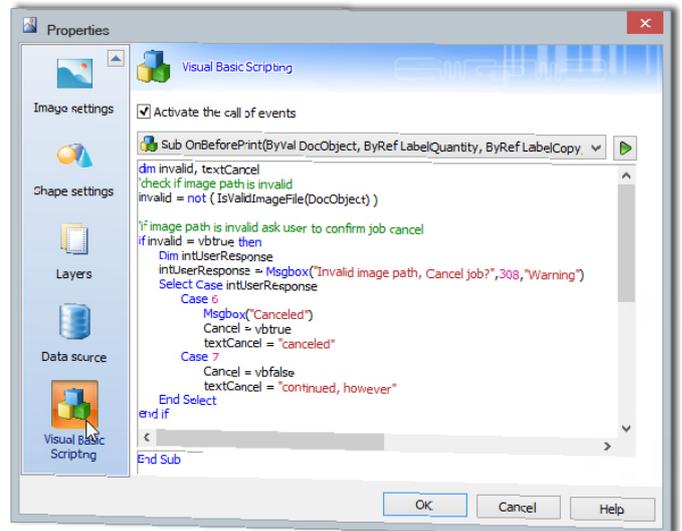
VB Scripting supports **automated label changes** to comply with individual vendor parameters.

Like Tagged Texts Management, you can use VB Scripting to:

- Dynamically highlight allergens, based on predefined beacons in a variable text



- Automatically cancel a print job if text is not legible, or does not match a minimum font size
- VB Scripting also allows for many other possibilities and greater flexibility. For example, advanced VBScript users can create tables to automatically identify and tag allergens in existing databases.



VBScript can be inserted at 3 levels

- Document, Objects and Variables - offering several ways to support FIC-compliant label designs.
- The feature is accessible via the **File > Properties** menu, or you can simply double-click an object or data source and select Visual Basic Scripting.

The software's **Online Help** section provides examples on how to use VB Scripting to control a food label print job with a minimum font size and allergens in bold.

For more details, download a free demo from www.teklynx.com

Visual Basic Scripting is available in:

- **CODESOFT & CODESOFT VM - Runtime, Enterprise & Network editions***
- **LABELVIEW & LABELVIEW VM - Runtime, Gold & Network editions***

* version 2014 or later

About TEKLYNX International

TEKLYNX International is the world's leading developer of barcode labeling software solutions; providing applications for simple to complex labeling needs — LABEL MATRIX, LABELVIEW, CODESOFT, SENTINEL and TEKLYNX CENTRAL.

Its products feature the widest range of device and driver support in the industry. More than 750,000 companies in 120 countries rely on its integrated software solutions for supply chain automation, warehouse management, shipping and receiving, inventory control and asset management.

TEKLYNX is a Microsoft Gold Certified Partner, Oracle Gold Partner, and has connectivity relationships with multiple Enterprise Resource Planning (ERP) software providers including Oracle and SAP.

TEKLYNX is headquartered in France with operations in Europe, the United States, China and Singapore.

More information on TEKLYNX International is available at www.teklynx.com



France
+33 (0) 562 601 080

Germany
+49 (0) 2103 2526 0

Singapore
+65 6908 0960

USA
+1 (414) 837 4800

© Copyright 2019 TEKLYNX Newco SAS. All rights reserved. TEKLYNX, LABELVIEW, LABEL MATRIX, CODESOFT, SENTINEL and TEKLYNX PRINT MODULE are trademarks or registered trademarks of TEKLYNX Newco SAS or its affiliated companies.

www.teklynx.com

