formpak | TIP OF THE MONTH | 

Food Allergen Properties

Food Allergens

Formpak provides flexible options for declaring Food Allergens depending on your regulatory and documentation requirements.

Food Allergen Declaration

The standard document Food Allergen Declaration summarises allergens present in your Composition, in a single table. The document is populated using the entry list FOODAGNINGDETAILS, which is based on the Property FOODAGN. This approach can be used where allergens and their concentrations are required.

Avoiding Duplicates

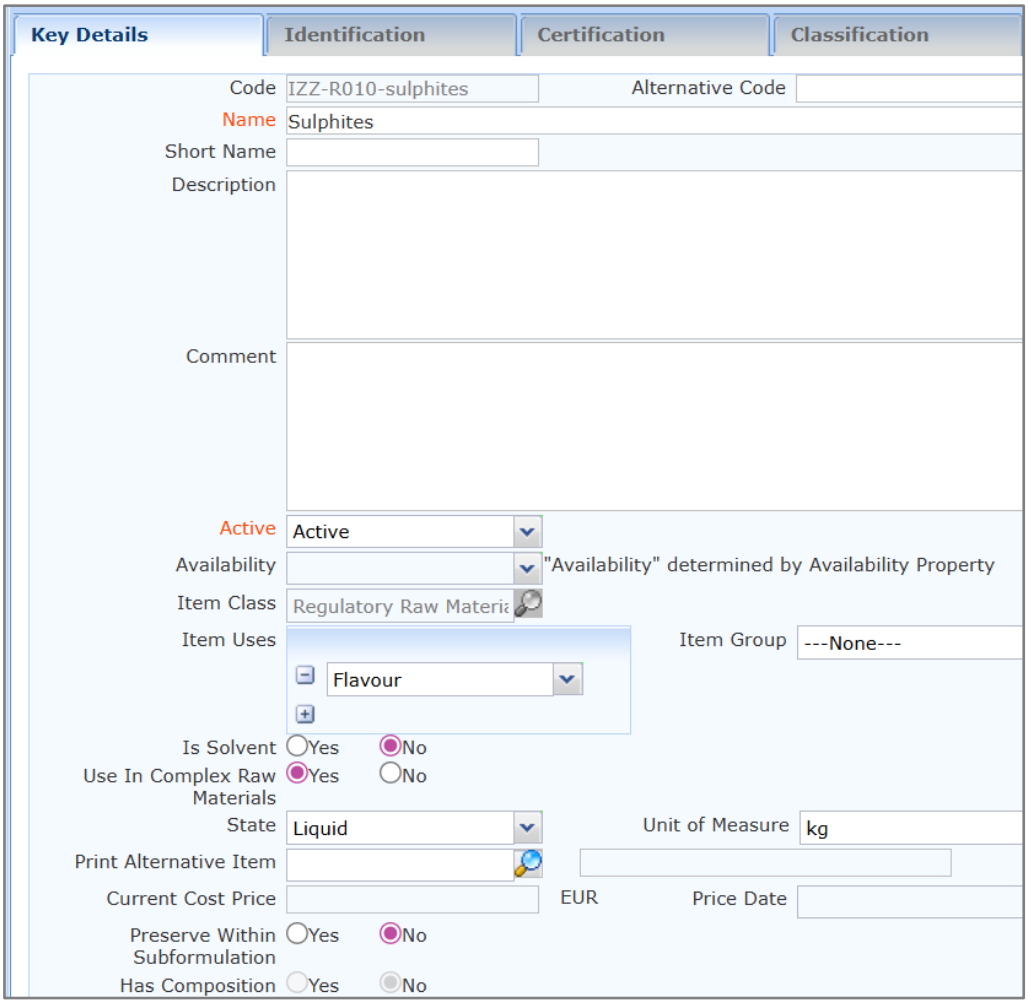
Whilst you can apply FOODAGN at the physical level of a Raw Material, if you have more than one Item in your Composition containing the same allergen, then that allergen may be duplicated in your document. To avoid this, you can use a non-hazardous food allergen accumulator.

Creating a Non-Hazardous Food Allergen Accumulator

An accumulator is a Raw Material Item added solely to represent a specific attribute. By not assigning any hazardous Properties, it can be included in a Composition without appearing in a Safety Data Sheet.

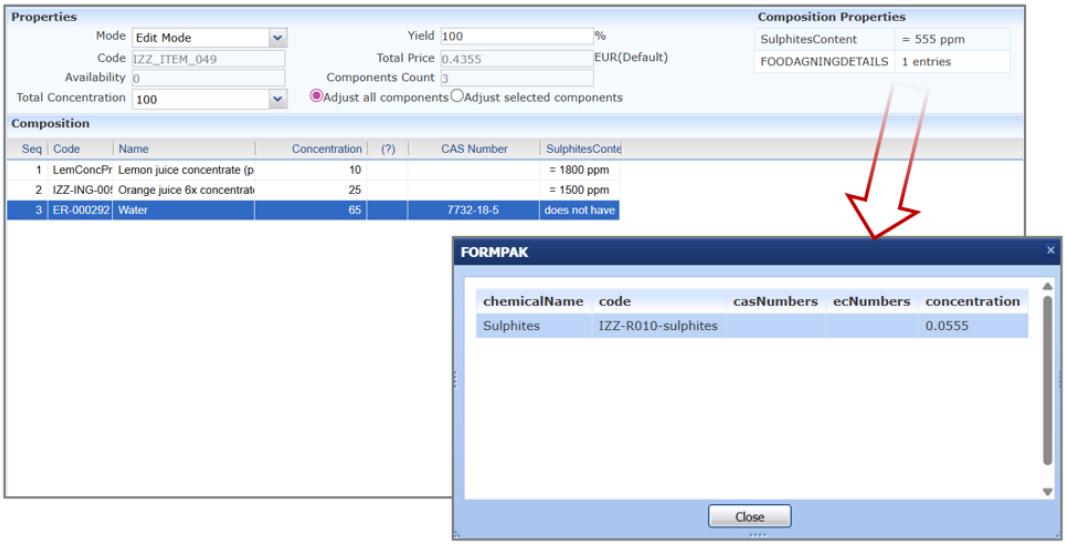
Here's an example:

Navigate to 'Add a New Raw Material' and name your Item after the allergen (e.g. Sulphites). Ensure that Use in Complex Raw Materials is set to *Yes*. (Item Class assignment may be used to control unauthorised use.) Within Properties, apply FOODAGN and set to *Yes*. (Do not apply any hazards to the Item.)



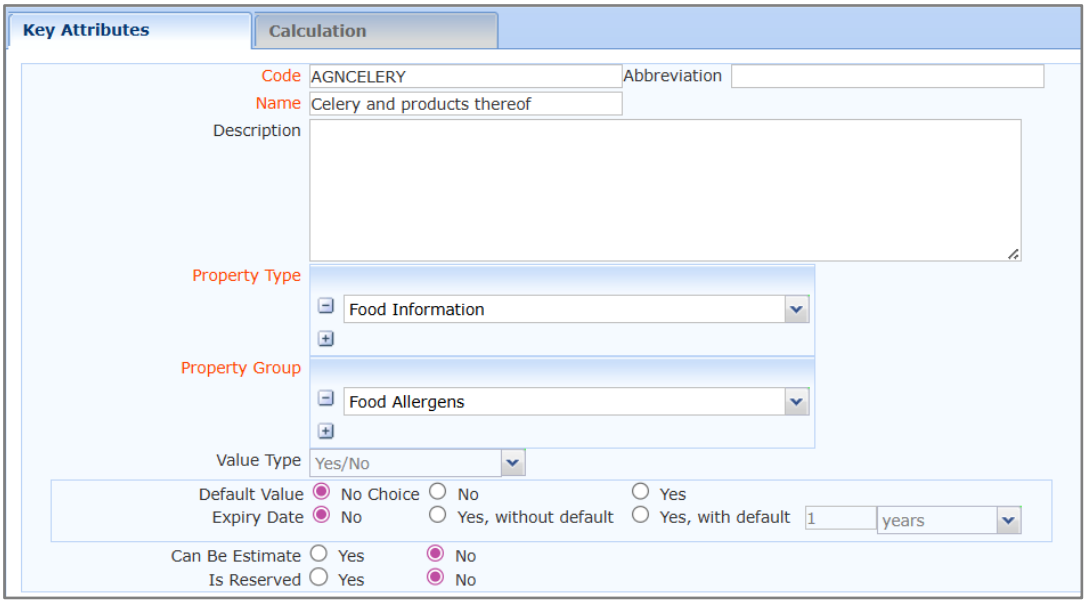
Using Your Accumulator

Add the accumulator Item to Raw Material Compositions at the appropriate level to represent the quantity of the allergen present. Where the Item appears more than once, in the Formulation. Formpak will automatically accumulate the values to give an overall total in your Formulation.

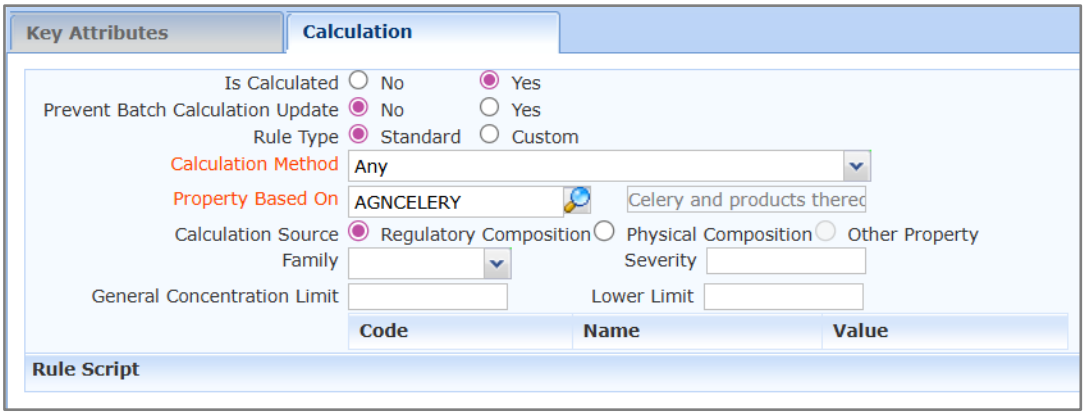


Creating Your Own Property Sets

Declaring food allergens in your custom document? If your requirement is to report only the presence of allergens, (not the concentration), a custom Property set can be created. Here, we'll be adding our Properties to the 'Food Allergens' Property Group:



This will be a Calculated Property and will identify the allergen as being present anywhere it appears in your Composition.



Example output in a custom document:

EU Allergens	**Contains (yes/no)**
Celery and products thereof	Yes

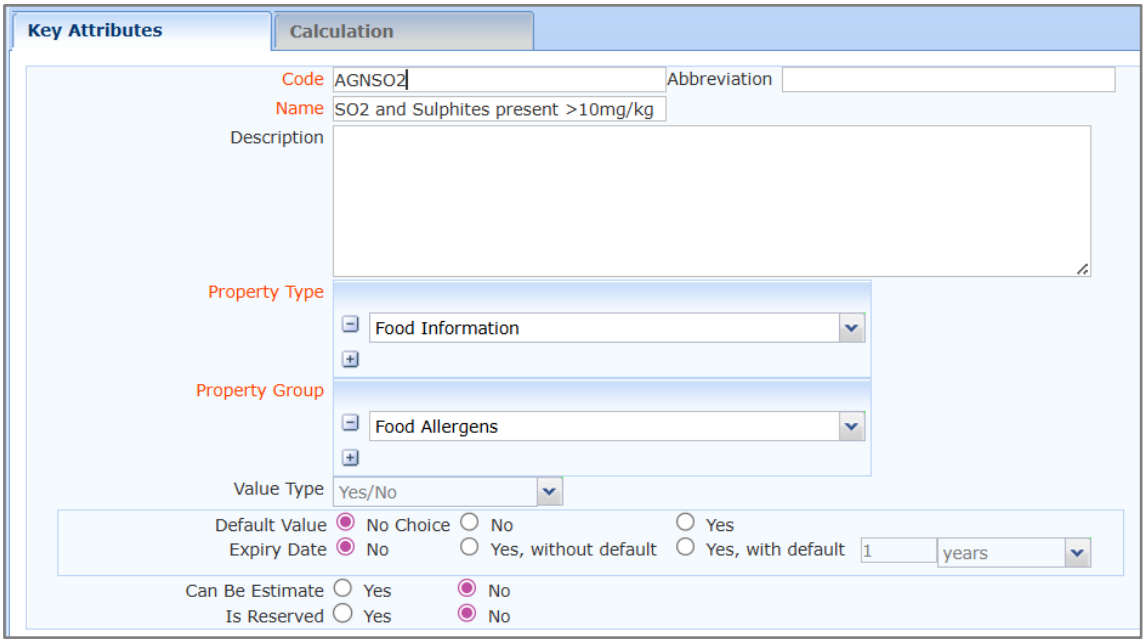
Mini Tip

Yes/No Properties with conditions

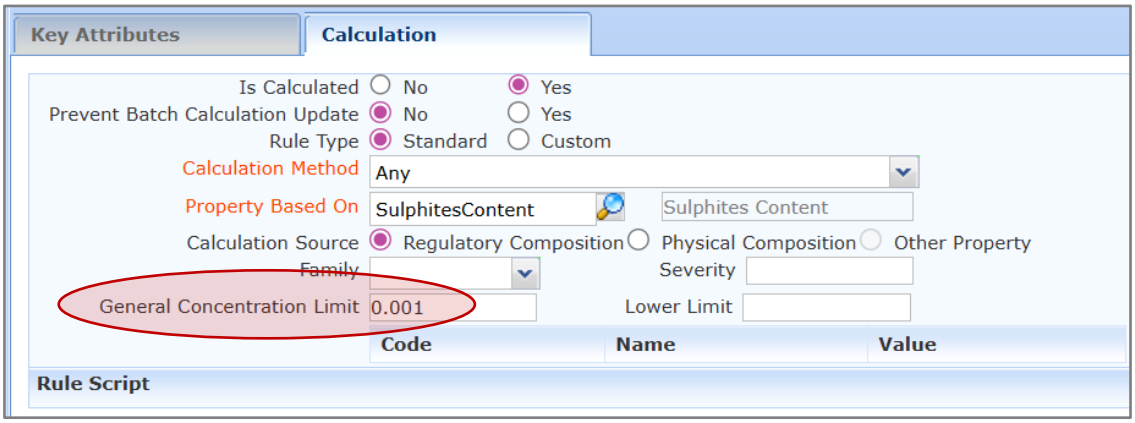
Yes/No properties

Did you know…?

The humble Yes/No Property can also be set to trigger 'Yes' based on a Property value reaching a General Concentration Limit. Here is an example for Sulphites. We only want Yes to appear when the 'Property Based On' reaches or exceeds a defined value:



Switch to the Calculation tab and apply a General Concentration Limit value of 0.001 (%), (10 mg/kg).



Now, when the Property value of SulphitesContent reaches or exceeds this value, the Property value will calculate to 'Yes'.