



TIP OF
THE
MONTH



LIMIT ITEMS APPEARING IN THE CDT

Limit Items appearing in the CDT

There are a number of different ways to limit the visibility of Items within the Composition Design Tool when formulating. For example, a Formulation Developer may have access to several different Item Classes but if Item Uses is set up the Formulation Developer may only have access to one Item Class within the CDT. The same can be achieved with restricting the Permitted Components that can be used within an Item Class in Modify an Item Class.

Item Uses

The settings for Item Uses are located in Application Settings, navigate to Manage Application Settings and select Yes for Formulations and/or Raw Materials and Save.

Setting	Description	Value
Cost Uplift %		10
Apply Cost Uplift to Formulations		<input checked="" type="radio"/> Yes <input type="radio"/> No
Apply Cost Uplift to Raw Materials		<input checked="" type="radio"/> Yes <input type="radio"/> No
Allow Duplicate Items in Compositions		<input checked="" type="radio"/> Yes <input type="radio"/> No
Prevent Explosion Levels		15
Give Warning Message when Duplicate Items are in Compositions		<input checked="" type="radio"/> Yes <input type="radio"/> No
Enable "Treat as Formulation" for Complex Raw Materials		<input checked="" type="radio"/> Yes <input type="radio"/> No
Enforce Item Uses for Formulation Compositions		<input checked="" type="radio"/> Yes <input type="radio"/> No
Enforce Item Uses for Raw Material Compositions		<input checked="" type="radio"/> Yes <input type="radio"/> No
Minimum Decimal Places in CDT		3
Enable Suitability Checking on Save & Check In		<input checked="" type="radio"/> Yes <input type="radio"/> No

Item Uses are essentially Item Type, which is linked to Item Class. Please click [here](#) for further information on Item Type and Item Class.

Item Uses are added per Item on the Key Details tab, navigate to Modify a Raw Material or Formulation.

Formulation or Raw Material require their Item Uses to be set.

Raw Material

ALDC16 ALDEHYDE C16

Information

Key Details Identification Certification Classification Composition

Code ALDC16 Alternative Code ALD0016

Name ALDEHYDE C16

Short Name

Description

Comment

Active Active

Availability 1 "Availability" determined by Availability Property

Item Class Fragrance Raw Material

Item Uses

- Fragrance

Item Group ---None---

Select the Item Uses from the drop-down menu and select Save.

The above example displays Item Class - Fragrance Raw Material and the Item Uses is set to Fragrances.

Add a New Formulation as an Item Type - Flavour and Item Class – Flavour Formulation.

Add a New Formulation - TEST (DB2 V10.5)

On this page, you can add a new Formulation.

Formulation Development Job Attachments

Name Dark Chocolate and Ginger

Item to Modify

Item Type Flavour Item Class Flavour Formulation

Item Code Sequence Default Code Sequence Code DARKCHOCGINGER

Task

Yield % Costing Method [Default]

Item Count 1

Cost Price ~ GBP

Require review

Reviewer

Duration 18/01/2024 ~ 18/01/2024 E.g. d/m/yyyy

Application Scenario Application Scenario No Application Scenario

The Raw Material Aldehyde C16 will no longer appear in Instant Search and will not be available for selection in the CDT.

Add a New Formulation

Dark Chocolate and Ginger

Edit History
 Edit History: Empty Composition

Properties
 Mode: Edit Mode
 Code: DARKCHOCGINGER
 Availability:
 Total Concentration: 0

Yield: 100 %
 Total Price: 0 GBP(Default)
 Components Count: 0

Composition Properties
 IFRACA05B

Adjust all components Adjust selected components

Composition

Seq	Code	Name	Concentration	(?)	CAS Number	EC Number	Active	ADDNOTES
1	ALDEHYDE C16		0.000					

Code (Av) **Name** **Unit Cost(GBP)** **Matched Attribute:Value**

No result

Page 1 of 1

Deep Search Raw Materials Formulations

Permitted Components within an Item Class

Navigate to Modify an Item Class and input the Item Class you require the Components to be restricted in.

Select the Permitted Item Classes only, these are the Item Classes of the Raw Materials you want to appear in the CDT when formulating and select Save.

In the below example only Items in Item Classes - Fragrance Raw Material and Flavour Raw Material can be added to Item Class - Final F&F formulation.

View an Item Class - TEST (DB2 V10.5) Edit Cancel

On this page you can view details of an Item Class.

Search for Item Class
 Item Type: Flavour
 Item Class: Final F&F formulation

Settings
 Code: FORM/FF/F
 Name: Final F&F formulation
 Description:

Composition Type: Raw Material Formulation
 Calculation Priority:
 Item Type: Flavour
 Permitted Component Item Classes: All Item Classes Selected Item Classes

Fragrance Raw Material
 Flavour Raw Material

Mini Tip

Making Items Inactive

The Smart Search within the CDT is designed to display Items alphabetically, this behaviour may not always be conducive to formulating. Changing the relevant Raw Materials to Inactive on the Key Details tab stops the Raw Materials appearing alphabetically in the Smart Search and therefore stops the material from being automatically selected when copying and pasting Formulations into the CDT from an Excel spreadsheet.

Navigate to Modify a Raw Material and click on the Active drop-down menu, select Inactive and Save.

The screenshot shows the 'Modify a Raw Material' form for 'AGN23_STD_046' (6-Methyl Coumarin). The 'Active' dropdown menu is open, showing options: Active, Availability, Item Class, Item Uses, and Any Item Type. The 'Inactive' option is highlighted. The form includes fields for Code, Name, Short Name, Description, Comment, Item Group, State, Unit of Measure, Current Cost Price, Price Date, and Creator/Date information.

Key Details	Identification	Certification	Classification	Composition	Properties	Attachments
Code	AGN23_STD_046	Alternative Code				
Name	6-Methyl Coumarin					
Short Name						
Description						
Comment						
Active	Active					
Availability	Active					
Item Class	Possible					
Item Uses	Inactive					
Any Item Type						
Use In Complex Raw Materials	<input checked="" type="radio"/> Yes	<input type="radio"/> No				
State	---None---					
Unit of Measure	---None---					
Current Cost Price		GBP				
Price Date						
Preserve Within Subformulation	<input type="radio"/> Yes	<input checked="" type="radio"/> No				
Has Composition	<input type="radio"/> Yes	<input checked="" type="radio"/> No				
Creator	DAVE	David Bull				
Created Date	11/12/2023	E.g. d/m/yyyy				
Last Modifier						
Last Modified Date		E.g. d/m/yyyy				