

### **Using Recipes**

Dan Kandray January 30, 2020

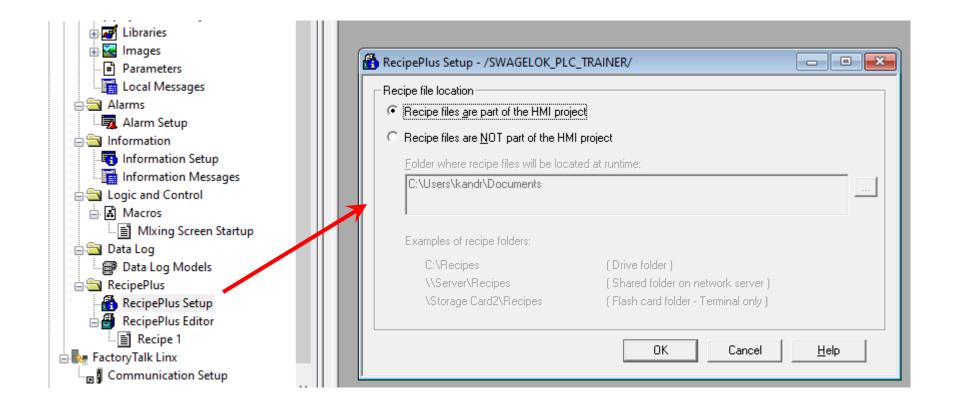
#### **Set up RecipePlus**



- A recipe is a set of numeric and string data values (ingredients) that can be downloaded to their associated tags at the data source.
- Each ingredient has a pre-set data value assigned to it.
- The set of data values for all the ingredients in a recipe is called a **data set**.
- The set of numeric and string tags assigned to the ingredients in the recipe is called a **tag set**.
- The ingredients, data sets, and tag sets are stored together in a recipe file.

#### **RecipePlus Setup**





#### **RecipePlus Editor**



Mixing Tank Auto	Untitled - /SWAGELOK_PLC_TRAINER/ (RecipePlus Editor)	
📑 PopUP		
	General Ingredients Units	
- 🜌 Global Objects		
Symbol Factory	Runtime recipe name:	
🖶 🌌 Libraries		
🕀 🚾 Images	Please enter a unique recipe name here	
🗭 Parameters	Chabus have	
Local Messages	Status tag:	
🖃 🔄 Alarms		
🚊 🔄 Information	Percent complete tag:	
- 🔚 Information Setup		
Information Messages		
🚊 🔄 Logic and Control		
📄 🛃 Macros		
Mlxing Screen Startup		
📄 🔄 Data Log		
🛄 🗃 Data Log Models		
🗄 🔄 RecipePlus		
📲 🔐 RecipePlus Setup		
🕀 🖶 RecipePlus Editor		
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Communication Setup	Show/Hide Columns Close	Help
System		
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#### **RecipePlus Editor**

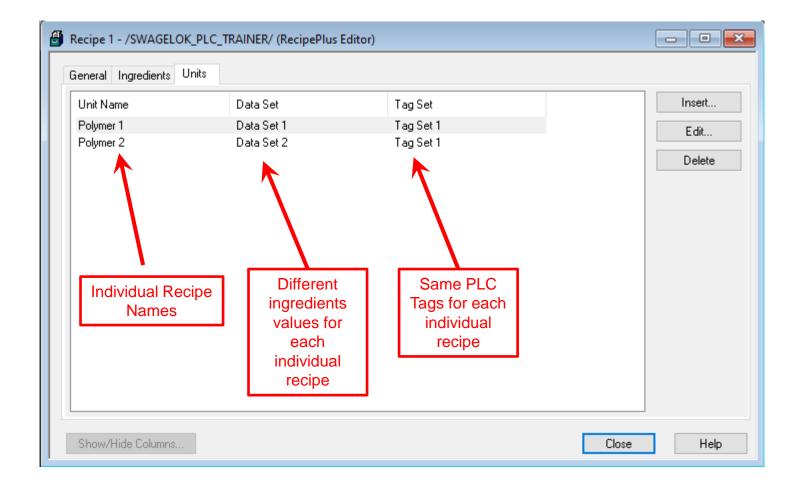


Runtime recipe name:	
Reactor Recipe	
Status tag:	
StatusTag	
Percent complete tag:	
PercentCompleteTag	
	Tags - /SWAGELOK_PLC_TRAINER/  Tag
	Name: Conveyor_Box_Display_Time Close
	Type: Analog V Prev
	Description:
	Minimum: 0 Scale: 1
	Maximum: 10000 Offset: 0 Data Type: Long Integer V
	Data Source Help
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	Address: [PLC]Box_Display_Timer.PRE
Show/Hide Columns	Address: [PLC]Box_Display_Timer.PRE
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Show/Hide Columns	Address:       [PLC]Box_Display_Timer.PRE          Search For:       Tag Name       Type       Description         1       Conveyor_Box_Display_Time       Analog         2       Min_Tag       Analog         3       Min_Tag       Analog
Show/Hide Columns	Address:       [PLC]Box_Display_Timer.PRE          Starch For:       Tag Name       Type       Description         1       Conveyor_Box_Display_Time       Analog         2       Min_Tag       Analog         3       Min_Temp_Tag       Analog
Show/Hide Columns	Address:       [PLC]Box_Display_Timer.PRE          Starch For:       Tag Name       Type       Description         1       Conveyor_Box_Display_Time       Analog       Minimum tag setting         2       Min_Tag       Analog       Minimum tag setting         3       Min_Temp_Tag       Analog         4       PercentCompleteTag       Analog
Show/Hide Columns	Address:       [PLC]Box_Display_Timer.PRE         Starch For:       Tag Name       Type       Description         1       Conveyor_Box_Display_Time       Analog         2       Min_Tag       Analog         3       Min_Temp_Tag       Analog

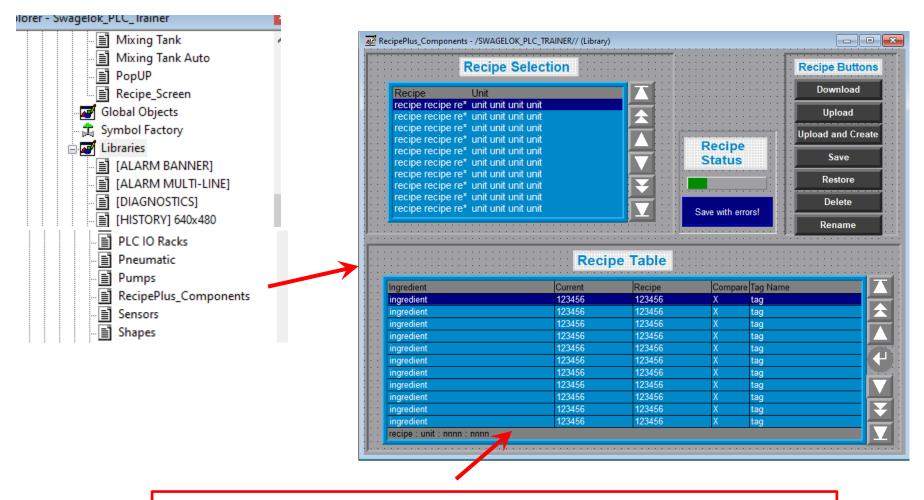
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#### **RecipePlus Editor -UNITS**

Swagelok



# Recipe Screen – Get from Libraries and copy into a Display that you make



Group all objects, then copy and paste into new display

Swagelok

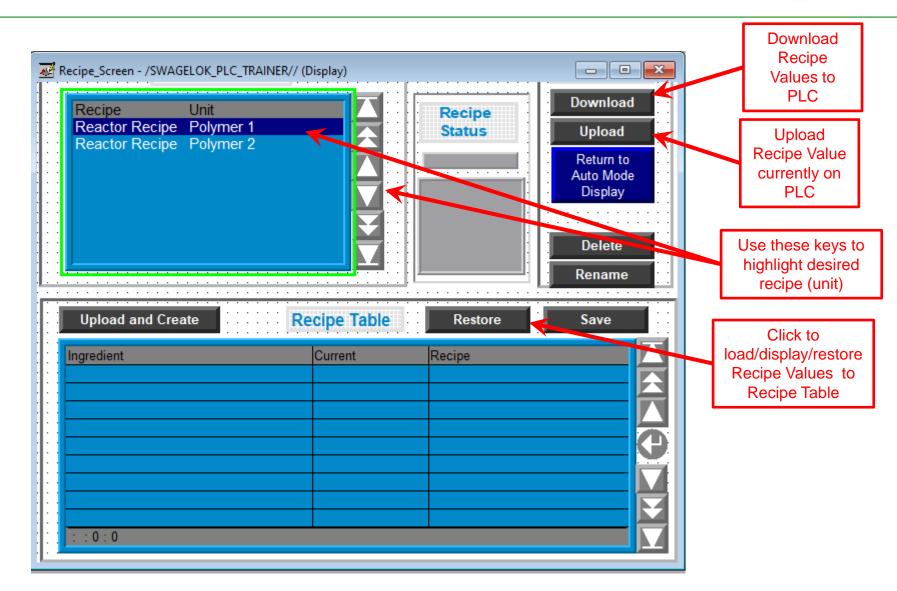
### Recipe Display – Scale to fit display & rearrange as desired & enter other buttons as needed

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Upload and Create	Recipe Table	Restore	Rename Save
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Swagelok

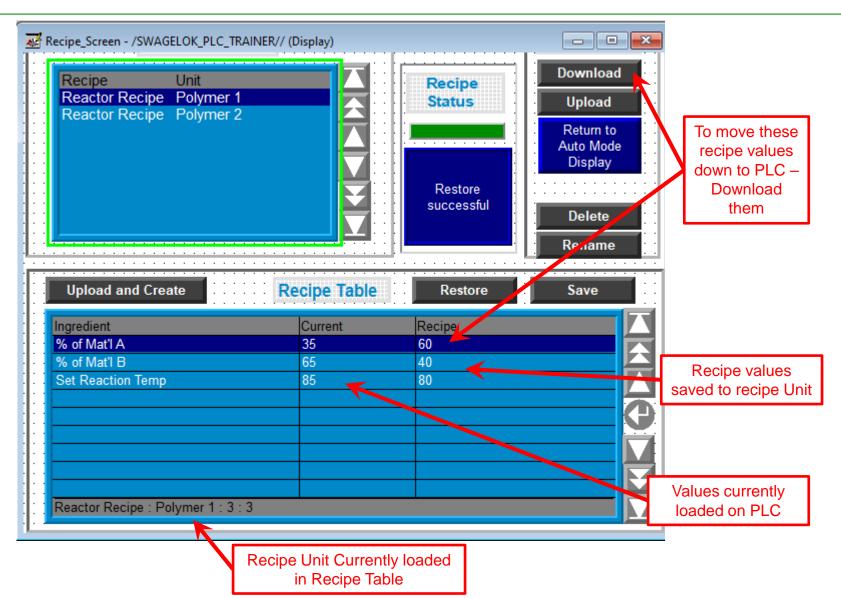
#### **Recipe Screen Running**

Swagelok



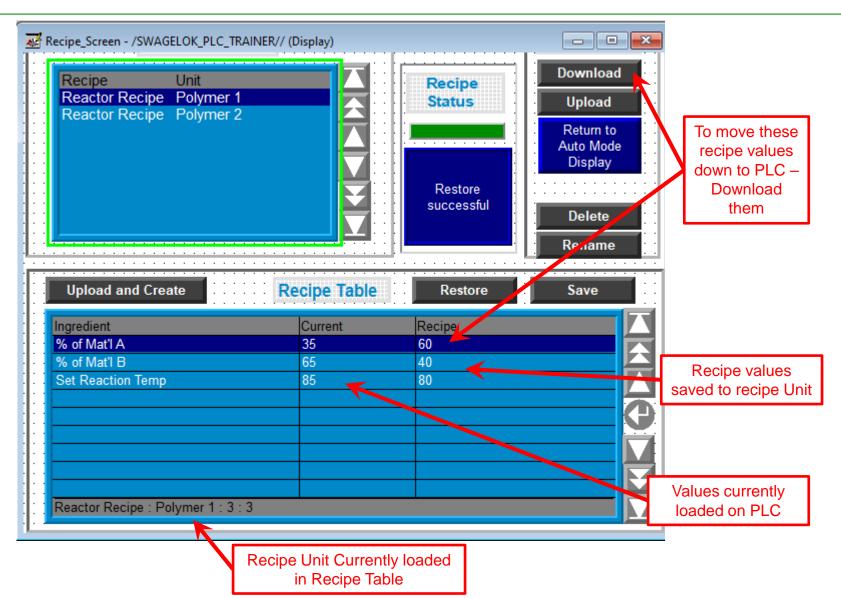
#### **Recipe Screen Running**





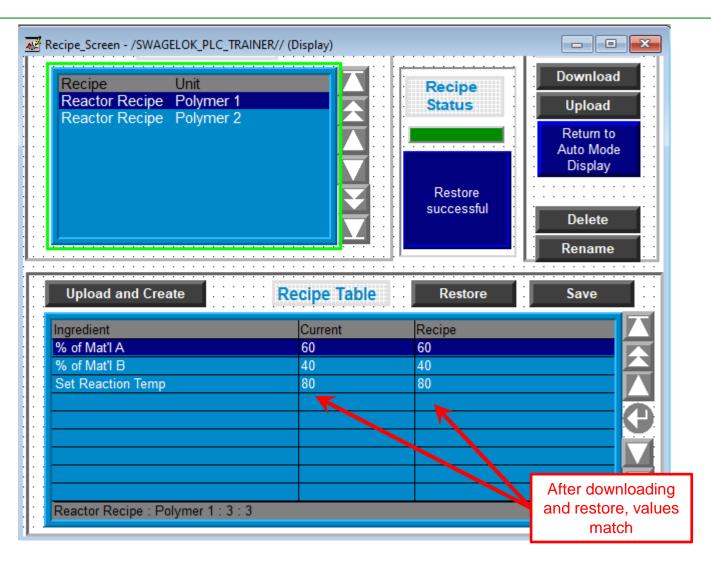
#### **Recipe Screen Running**



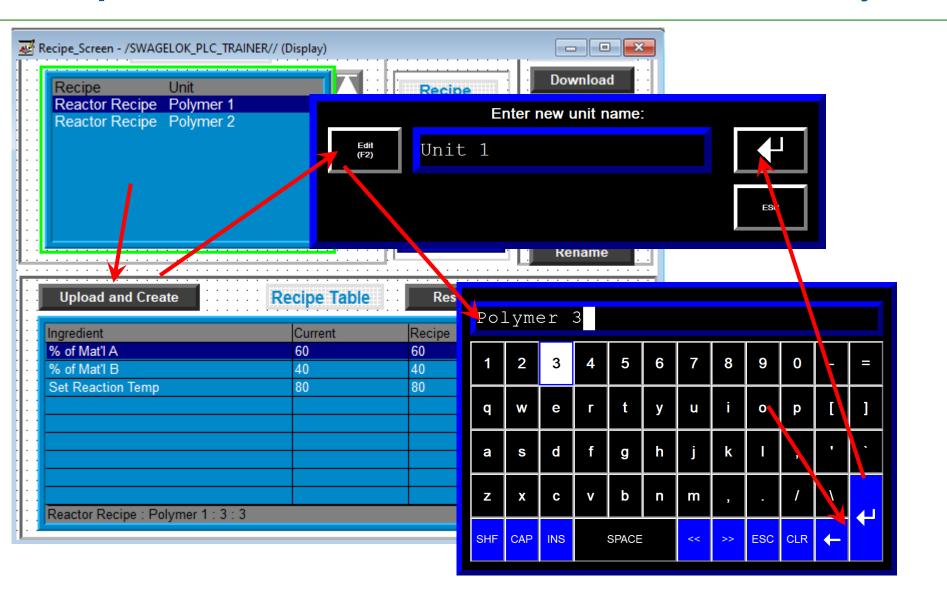


## After Downloading, click "Restore" to see values in Table



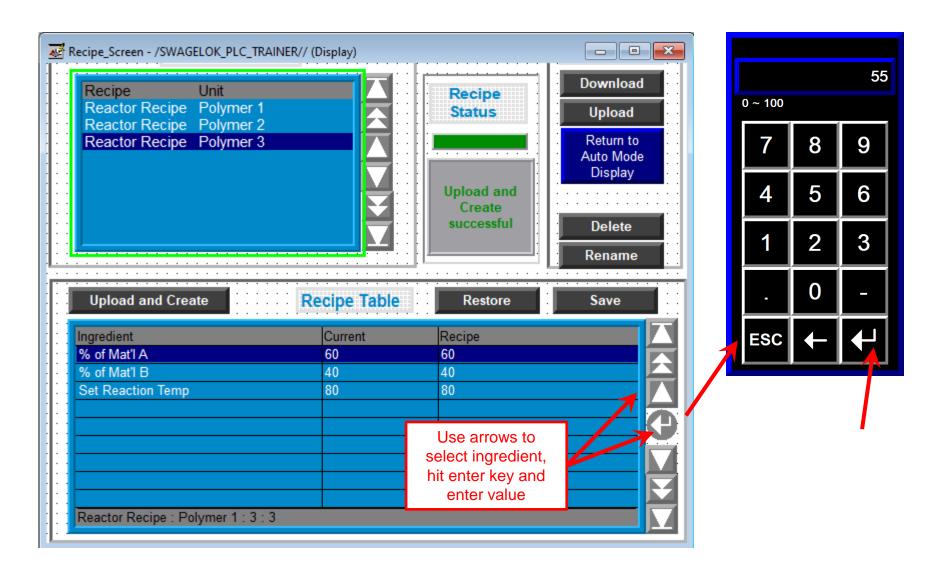


#### To Create a new Recipe Unit, click on "Upload and Create" & enter new name Swagelok



#### To enter values for new recipe...





#### To save values to recipe unit...



