OLI Tips #34 OLI Species Names Icons and selecting display names.

What do the small symbols mean next to the species names in the data input grid?

The species in the OLI databases are sorted by several different names. The sort order can be modified by the user and this will be discussed later in this document. The symbols appear next to the species names:

Figure 1 Display names with symbols.

Each symbol has a different meaning.

`SYN Carbonochloridic acid, propyl ester          PROPCLFRMT`

The **_SYN_** indicates that this name is stored as a synonym for this species. If the user had entered this long name, the program would have displayed the name according to the setting under the **_Names Manger_** tool item.

The final name in this case is **PROPCLFRMT** which is the OLI tag name. In all the examples shown, this indicates that we are using the same species.

`* Propyl chloroformate          PROPCLFRMT`

The **_STAR_** indicates that this is the display name of the species. This name is displayed if the _Display Name_ setting is selected under the **_Names Manager_** tool item.

`C4H7ClO2          PROPCLFRMT`

The **_Test Tube_** indicates that this is the chemical formula for the species. It is displayed if the _Formula_ setting is selected under the **_Names Manager_** tool. A green drop indicates that the common formula name is displayed. A yellow drop indicates that the alphabetical formula name is displayed.

`LOL Propyl chloroformate          PROPCLFRMT`

The **_LOL_** indicates that this is the EPA list of list name. If the user had entered this long name, the program would have displayed the name according to the setting under the **_Names Manger_** tool item.

`CAS 109-61-5          PROPCLFRMT`

The **_CAS_** indicates that this is the chemical abstracts service registry number for the species. If the user had entered this value, the program would have displayed the name according to the setting under the **_Names Manger_** tool item.

`OLI PROPCLFRMT          PROPCLFRMT`

This is the traditional **_OLI_** name and is the same name used in the OLI ESP software. If the user had entered this, the program would have displayed the name according to the setting under the **_Names Manger_** tool item.

How to change the display names for the species?

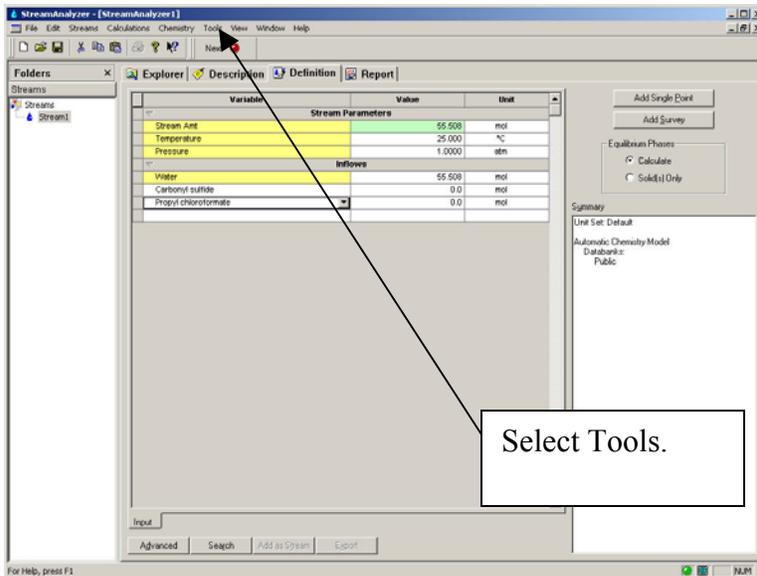To change how the species are displayed, select **_Tools_** from the menu item.

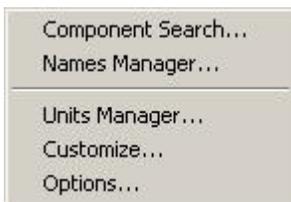Figure 2 Selecting tools, display name currently set.
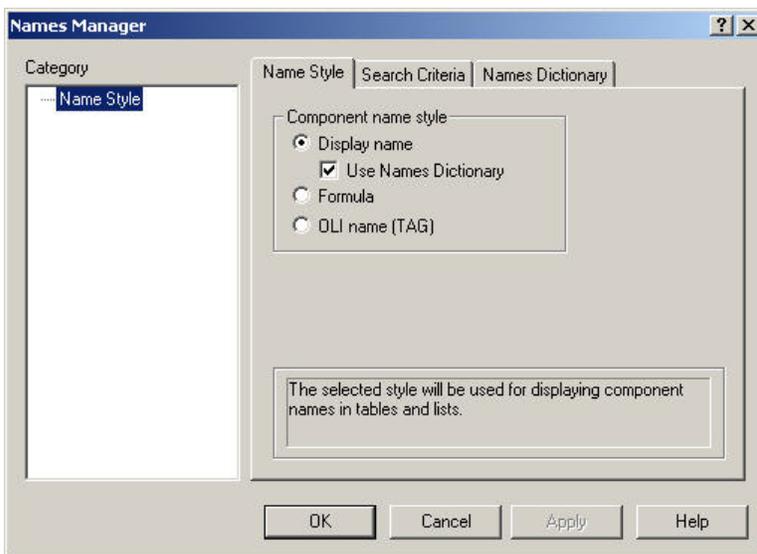

Figure 3 Select Names manager.

Figure 4 Change the display method.

You can change the name style by clicking a radio button. For this example we will Select ***Formula***

Variable	Value	Unit
Stream Parameters		
Stream Amt	55.508	mol
Temperature	25.000	°C
Pressure	1.0000	atm
Inflows		
H2O	55.508	mol
COS	0.0	mol
C4H7ClO2	0.0	mol

Figure 5 Changed to formula names.

You can also speed up the selection of names by limiting the search order for the various symbols. This is not recommended for stand-alone systems but network systems may experience increased search speed by limiting the species types.

Select *__Names Manager__* from the *__Tools__* menu.
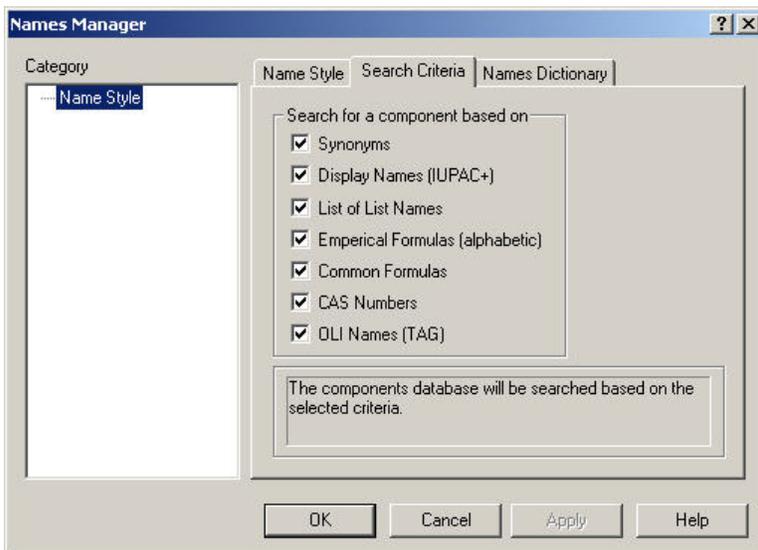
Select *__Search Criteria__* from the tabs.

Figure 6 Unchecking things we don't want to search.

Uncheck any item you do not wish to have searched.