



HOW TO

- 1
- 2
- 3

A step by step guide:

Add a new standard component to the VLXE Blend database

Table of Content

Page: Content:

- 2** Introduction
- 3** Step 1 - Prepare
- 3** Step 2 - How to start the edit tool
- 3** Step 3 - Insert new component

Page: Content:

- 5** Step 4 - Edit parameters
 - 6** Step 5 - Use the new component in a VLXE Blend project sheet
 - 7** How to get support?
-

Introduction

VLXE Blend stores the custom parameters in a database. The user can edit all the content of this database. A database edit tool is included with the installation of VLXE Blend.

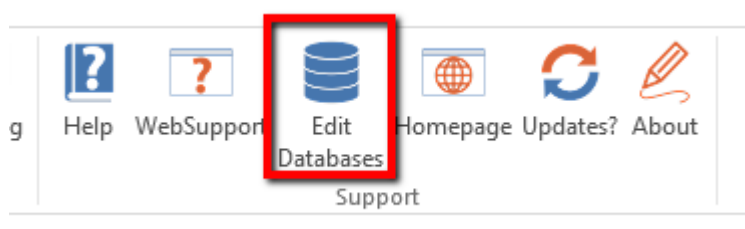
This document shows how to add a new standard component to the database.

Step 1 - Prepare

It is not needed. But please think about taking a backup of your database file. VLXE Blend can use the database from any location. So the file can be located anywhere on your hard drive or a remote disk. Another option is to place the database on a remote database server that automatically takes backup.

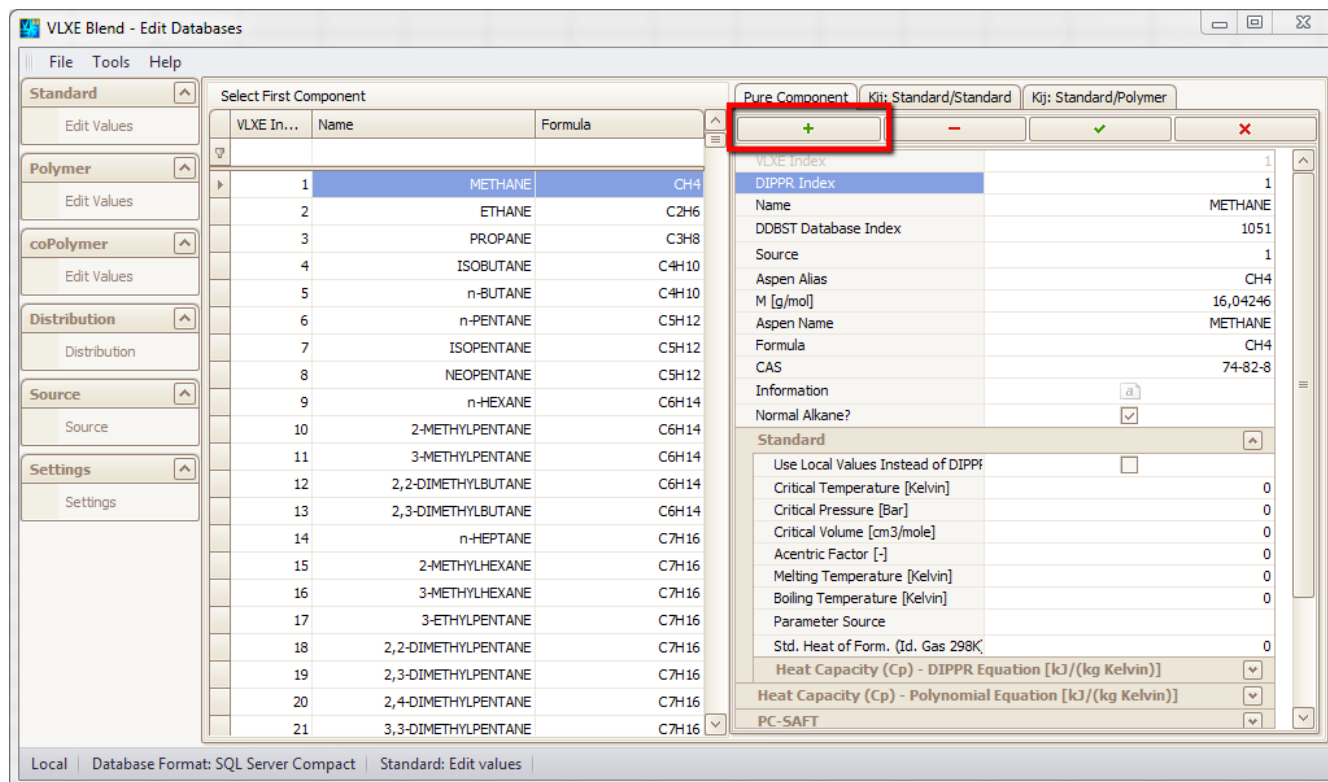
Step 2 - How to start the edit tool

Open: "VLXE Edit Database". You can find a short-cut under start/Programs/VLXE, or in Excel under VLXE Blend/Support/Edit Databases.

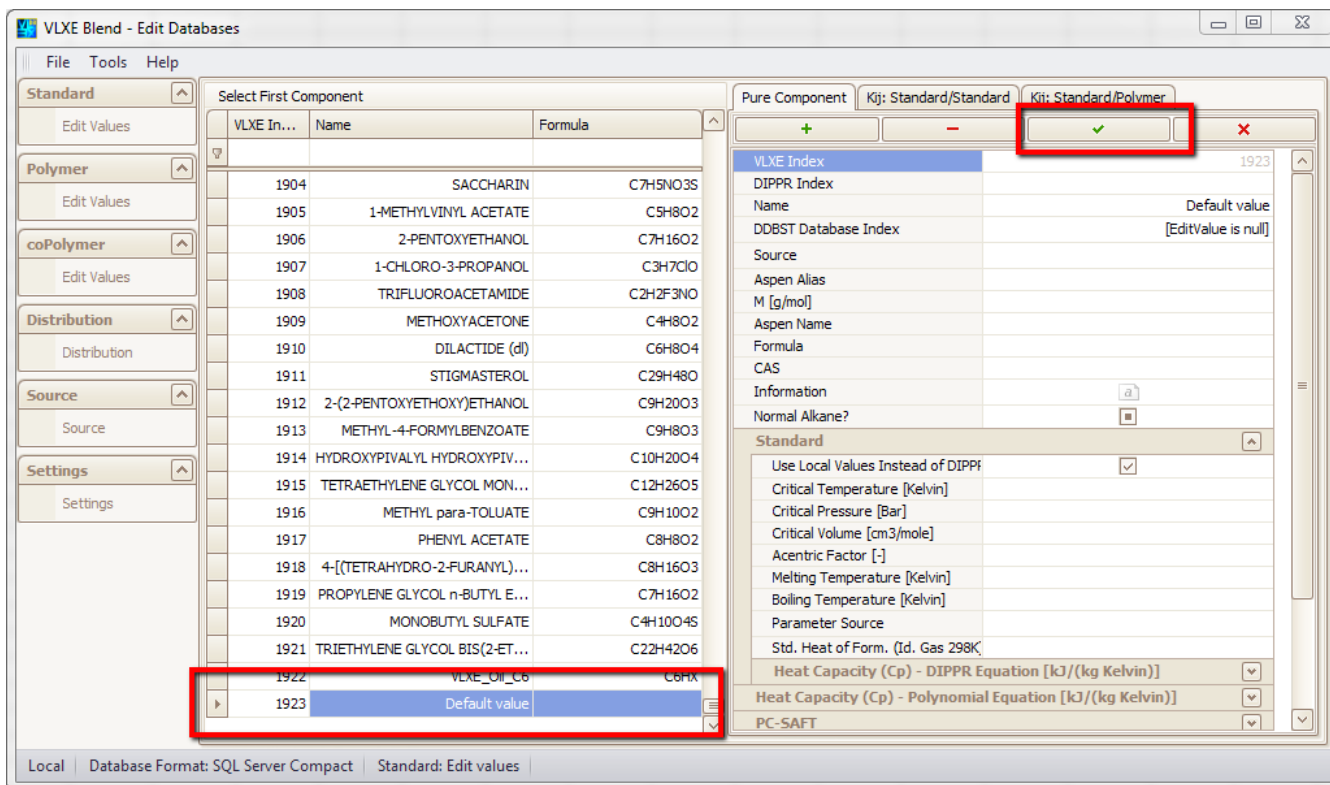


Step 3 - Insert new component

Select "Edit Values" under Standard and then "+" to add a new component to the database.



After clicking on the “+” button a new standard component is inserted into the database. Save it by clicking on the “checkmark”. Note that the component is given the name: “Default value” and otherwise holds no parameters.



Step 4 - Edit parameters

Now all the parameters need to be filled in.

Note that only the needed values have to be given. So if for example MSL EOS is not going to be used the values can be left as they are.

DIPPR values

If the DIPPR number is known it can simple be entered. If not, the needed standard parameters that are normally taken from DIPPR have to be entered.

In the screen dump below I have given the new component the name: "My component" and I have checked "Use local values instead of DIPPR". I have also started to enter the needed parameters. The reason is that I don't know the DIPPR number of the component.

As always remember to click the "Checkmark" to save any changes made.

The screenshot displays the VLXE Blend - Edit Databases application. On the left, a sidebar contains categories: Standard, Polymer, coPolymer, Distribution, Source, and Settings. The main area is titled 'Select First Component' and contains a table with columns 'VLXE In...', 'Name', and 'Formula'. The table lists various chemical compounds, with the last row (1923) selected, showing 'Default value'.

On the right, the 'Pure Component' editor is open for 'Kij: Standard/Standard'. The 'Name' field is set to 'My component'. Below this, a 'Standard' tab is active, showing a list of parameters. The 'Use Local Values Instead of DIPPR' checkbox is checked. The 'Critical Temperature [Kelvin]' is set to 510, and 'Critical Pressure [Bar]' is set to 29.25. A red box highlights the green checkmark button at the top right of the parameter editor.

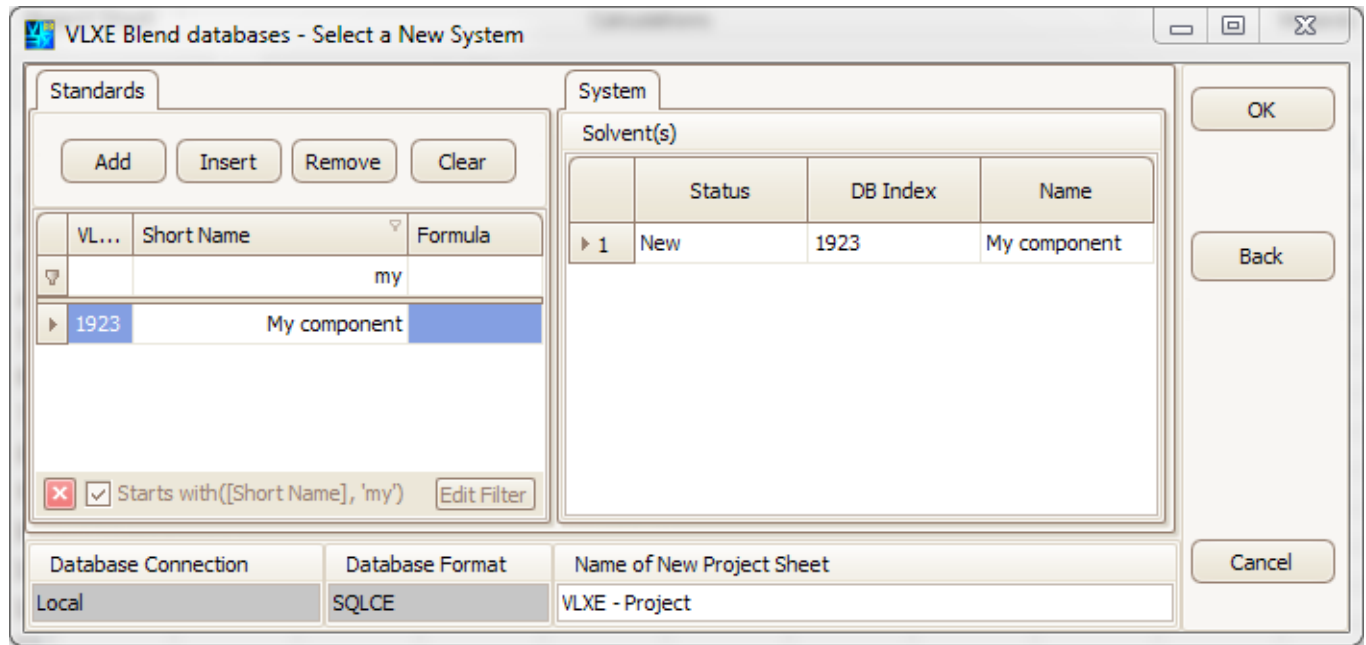
VLXE In...	Name	Formula
1904	SACCHARIN	C7H5NO3S
1905	1-METHYLVINYL ACETATE	C5H8O2
1906	2-PENTOXYETHANOL	C7H16O2
1907	1-CHLORO-3-PROPANOL	C3H7ClO
1908	TRIFLUOROACETAMIDE	C2H2F3NO
1909	METHOXYACETONE	C4H8O2
1910	DILACTIDE (dl)	C6H8O4
1911	STIGMASTEROL	C29H48O
1912	2-(2-PENTOXYETHOXY)ETHANOL	C9H20O3
1913	METHYL-4-FORMYLBENZOATE	C9H8O3
1914	HYDROXYPIVALYL HYDROXYPIV...	C10H20O4
1915	TETRAETHYLENE GLYCOL MON...	C12H26O5
1916	METHYL para-TOLUATE	C9H10O2
1917	PHENYL ACETATE	C8H8O2
1918	4-[(TETRAHYDRO-2-FURANYL)...	C8H16O3
1919	PROPYLENE GLYCOL n-BUTYL E...	C7H16O2
1920	MONOBUTYL SULFATE	C4H10O4S
1921	TRIETHYLENE GLYCOL BIS(2-ET...	C22H42O6
1922	VLXE_Oil_C6	C6HX
1923	Default value	

Step 5 - Use the new component in a VLXE Blend project sheet

Once saved the component is ready for use inside Excel.

Note that you can have Excel and the database edit tool open at the same time. Any changes saved in the database can be loaded into a new VLXE Blend Excel projectsheet right away.

Below is shown how the new component is used in the wizard to create a new project sheet.



How do I get support?

If this document did not help you please check our website: <http://www.vlxe.com/support>.
You can also contact VLXE support using the email: support@vlxe.com
Bugs or requests can be reported here: <http://support.vlxe.com>

VLXE is accessible on our website and may be downloaded.
If you are interested and would like more information please contact VLXE by means of any of the following addresses.

Postal Address

VLXE ApS
Torben Laursen, Ph.D.
Nordre Frihavnsgrde 13A, 2, tv
2100 Copenhagen O
Denmark

Electronic Address

Cell phone +45 31 41 01 19
E-mail info@vlxe.com
Homepage www.vlxe.com
Skype VLXE.Inc

Solutions worldwide...

...for Chevron, ConocoPhillips, Dow Chemicals, ExxonMobil,
Merck, Nova Chemicals, Sasol, Statoil and others.

