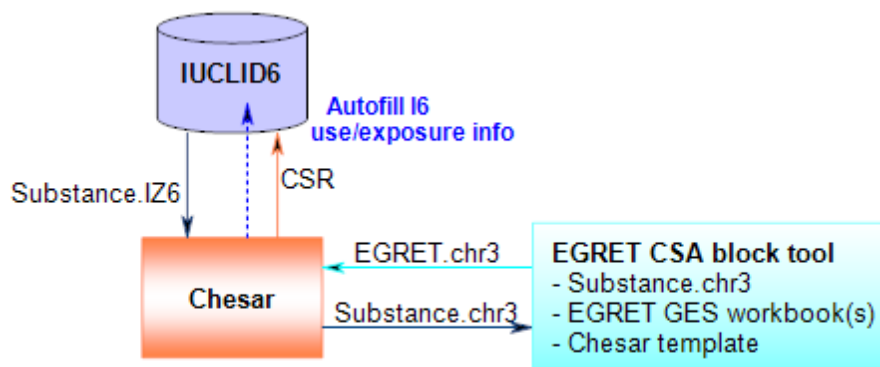


## EGRET CSA Block Tool Instructions

This Microsoft Excel spreadsheet tool can be used to generate CSA Block Files for CHESAR 3.1 from exposure assessments conducted using EGRET v2 (see the flow chart below).



Before running the EGRET CSA Block Tool please download the EGRET v2 Generic Exposure Scenarios (GES) templates available at the following link:

<http://www.esig.org/regulatory/reach-ges/consumers/>.

The EGRET CSA Block Tool.xlsm and the CSABlock\_EGRET.chr3 files must be copied into the same folder as the EGRET v2 GES template spreadsheets.

All of the EGRET GES spreadsheets include macros. You will need to adjust your Excel security settings to trust all of these spreadsheets in order for the macros to be enabled. This may require that you open each spreadsheet and select 'enable macros' or 'trust this spreadsheet'.

To generate CSA block files for CHESAR, you must first import the substance information from a CHESAR substance export file, including the molecular weight, vapor pressure, density, and DNELs, into the substance information table in the CSA block tool (**Steps 1-4 in section A**). Once the substance information is entered, you can set the Target RCR (**Step 5 in section A**), then select the relevant EGRET GES workbook(s) under the Uses table in the tool (**Step 1 in section B**). Click the create CSA Block Files button and a CSA Block file will be created for each GES selected (**Step 2 in section B**). The new files will

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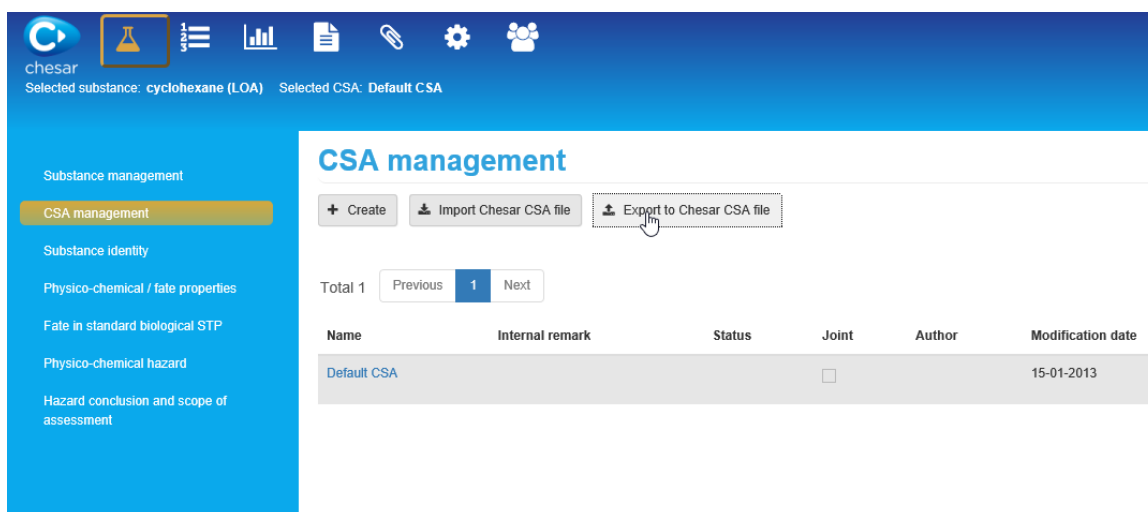
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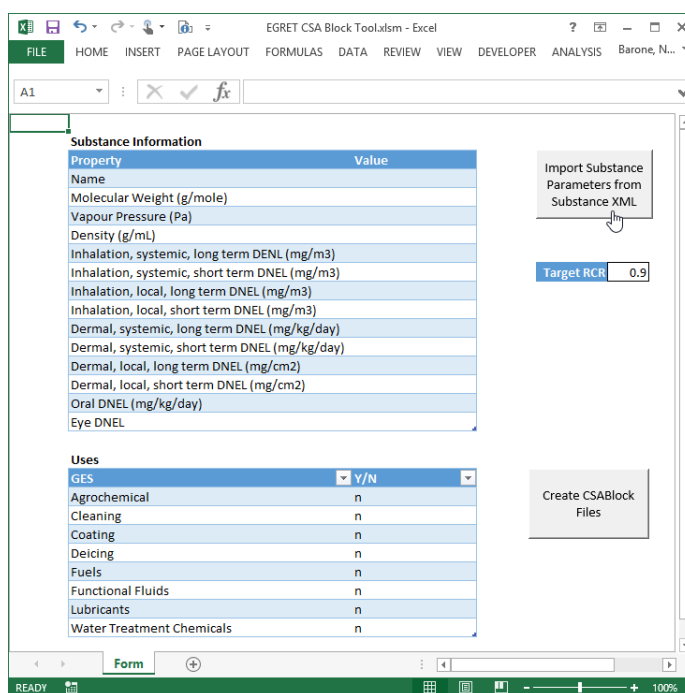
be created in the same folder as the EGRET v2 GES template spreadsheets, which can be imported into CHESAR as external exposure assessments (**Steps 1-5 in section C**).

## A. How to import substance parameters from CHESAR

### 1. Export Substance CSA file from CHESAR



### 2. Click Import Substance Parameters from Substance XML button in the EGRET CSA XML TOOL spreadsheet



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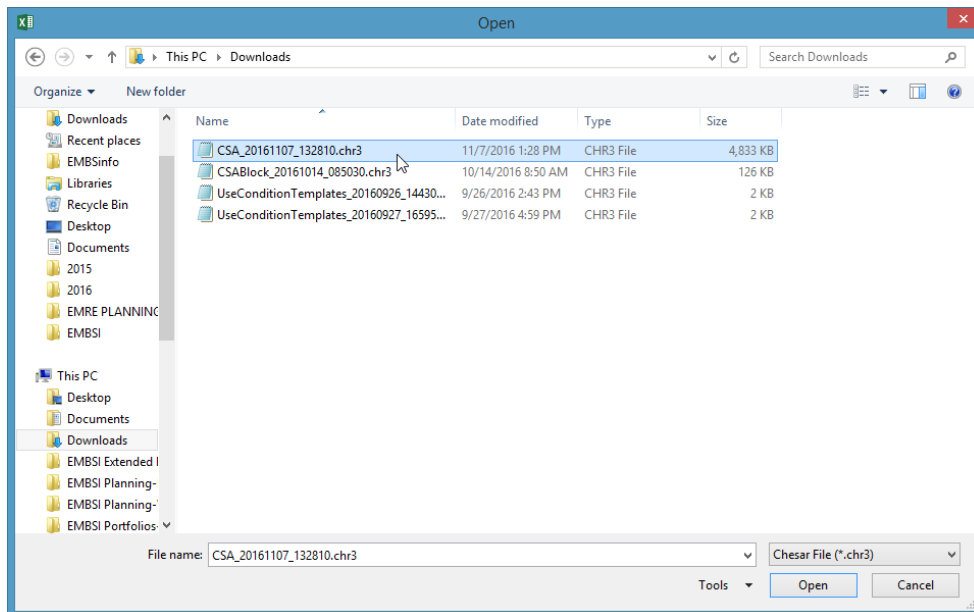
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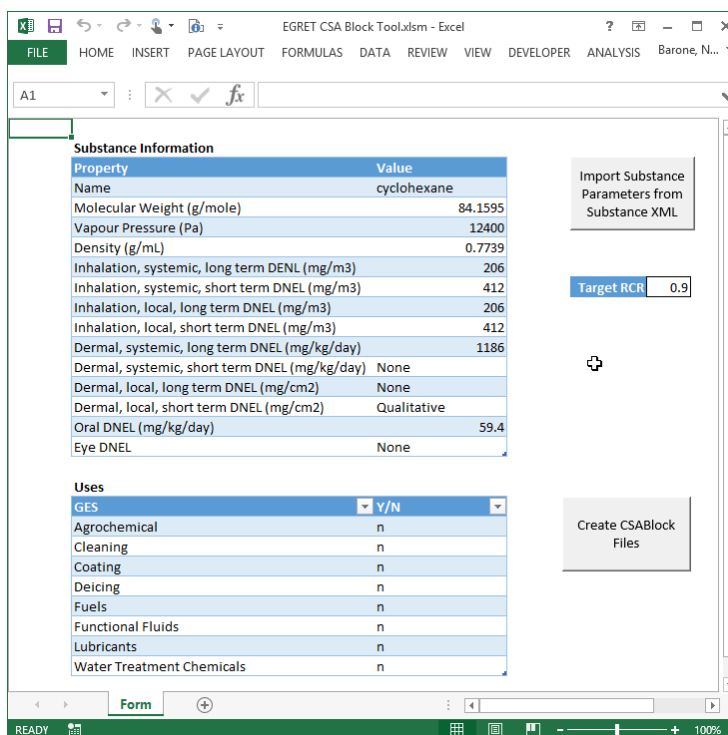
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### 3. Select downloaded XML file



### 4. The substance information table will show the information extracted from the CHESAR substance file.



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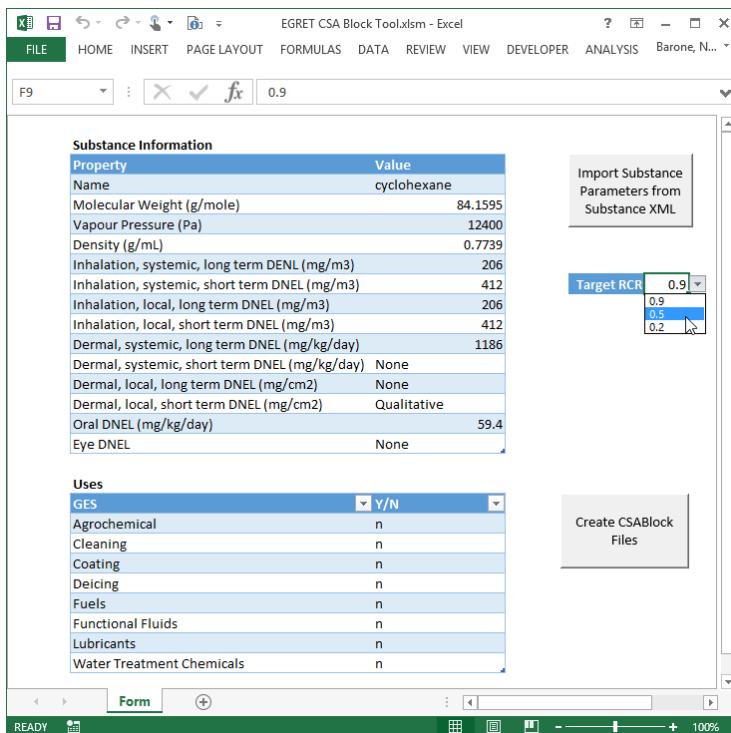
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## 5. Select the Target RCR from the pick list.

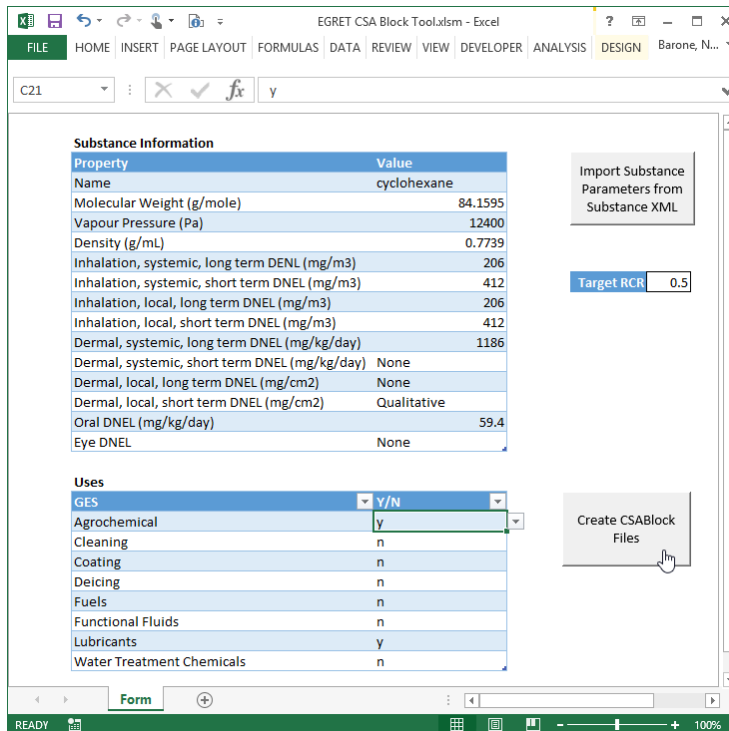


The screenshot shows the EGRET CSA Block Tool interface. The Substance Information table is visible, and the Target RCR dropdown menu is open, showing options 0.9, 0.5, and 0.2. The value 0.9 is currently selected.

Property	Value
Name	cyclohexane
Molecular Weight (g/mole)	84.1595
Vapour Pressure (Pa)	12400
Density (g/mL)	0.7739
Inhalation, systemic, long term DNEL (mg/m3)	206
Inhalation, systemic, short term DNEL (mg/m3)	412
Inhalation, local, long term DNEL (mg/m3)	206
Inhalation, local, short term DNEL (mg/m3)	412
Dermal, systemic, long term DNEL (mg/kg/day)	1186
Dermal, systemic, short term DNEL (mg/kg/day)	None
Dermal, local, long term DNEL (mg/cm2)	None
Dermal, local, short term DNEL (mg/cm2)	Qualitative
Oral DNEL (mg/kg/day)	59.4
Eye DNEL	None

## B. How to create CSA Block Files

1. Select GES uses by changing 'n' to 'y' in the Uses table, then click the "Create CSABlock Files" button.



The screenshot shows the EGRET CSA Block Tool interface. The Uses table is visible, and the 'y' option is selected for Agrochemical and Lubricants. The 'Create CSABlock Files' button is highlighted.

GES	Y/N
Agrochemical	y
Cleaning	n
Coating	n
Deicing	n
Fuels	n
Functional Fluids	n
Lubricants	y
Water Treatment Chemicals	n

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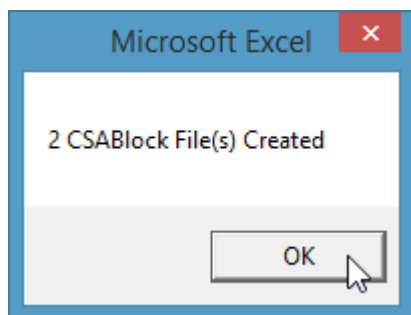
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2. Message will appear when file creation is completed



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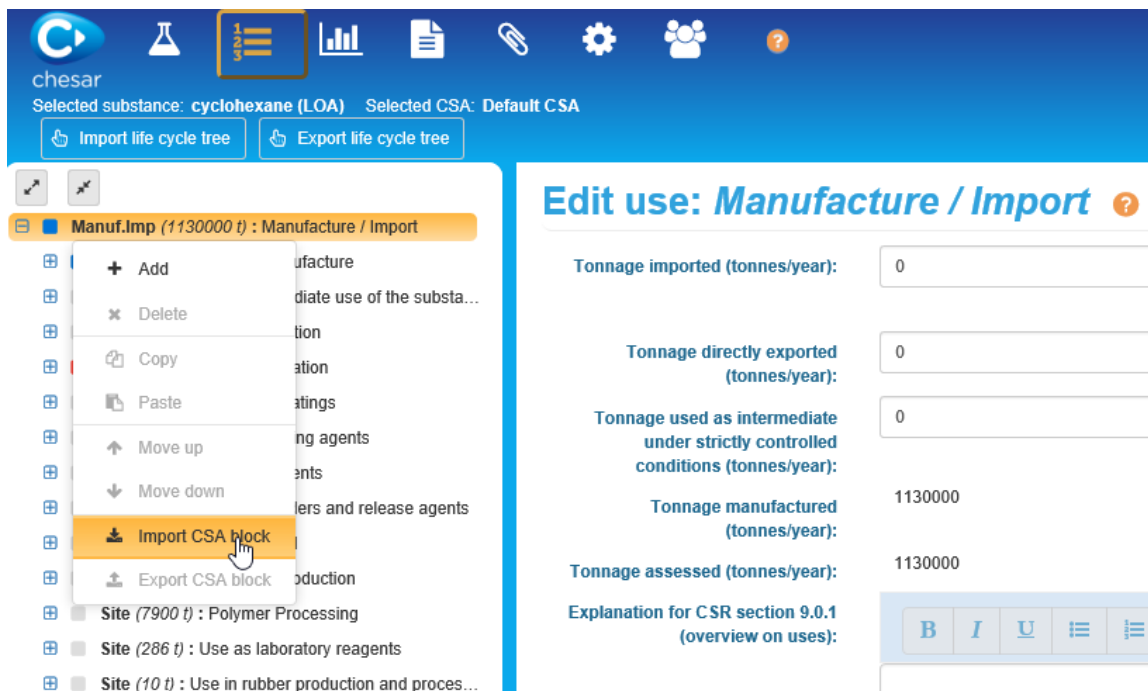
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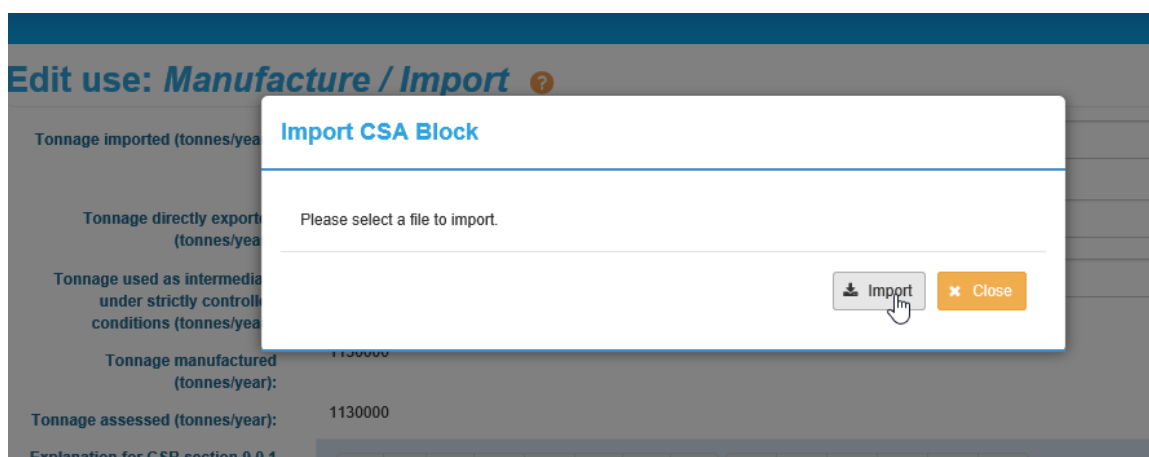


**C. How to Import CSA Block files into CHESAR**

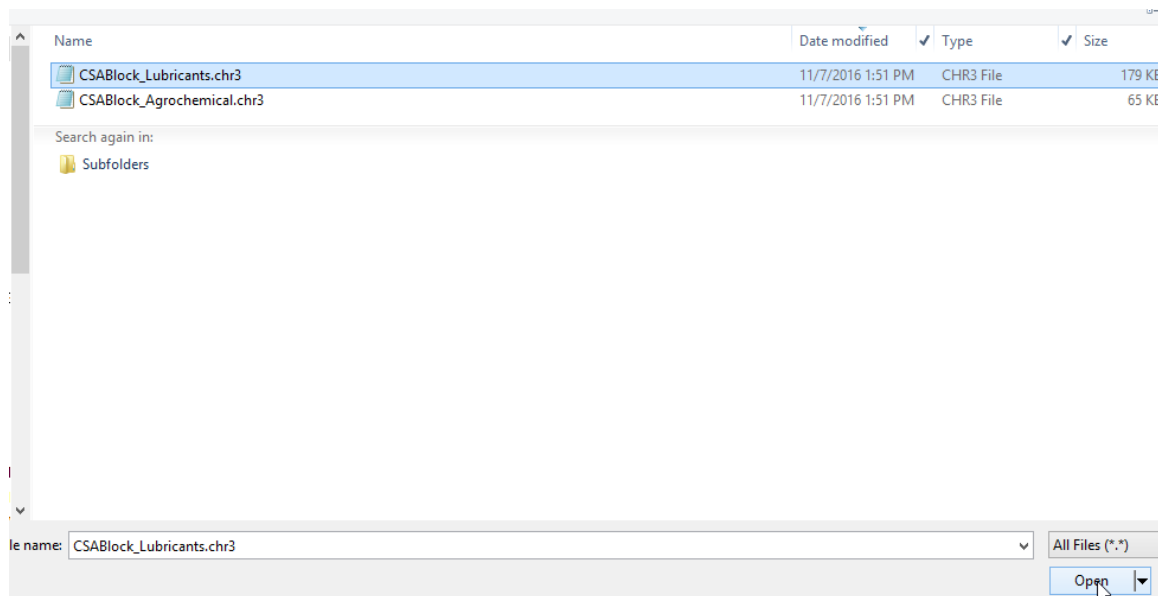
1. Select Uses (Box 2) from the CHESAR toolbar
2. Right click on first use in the life cycle tree, then click import CSA Block.



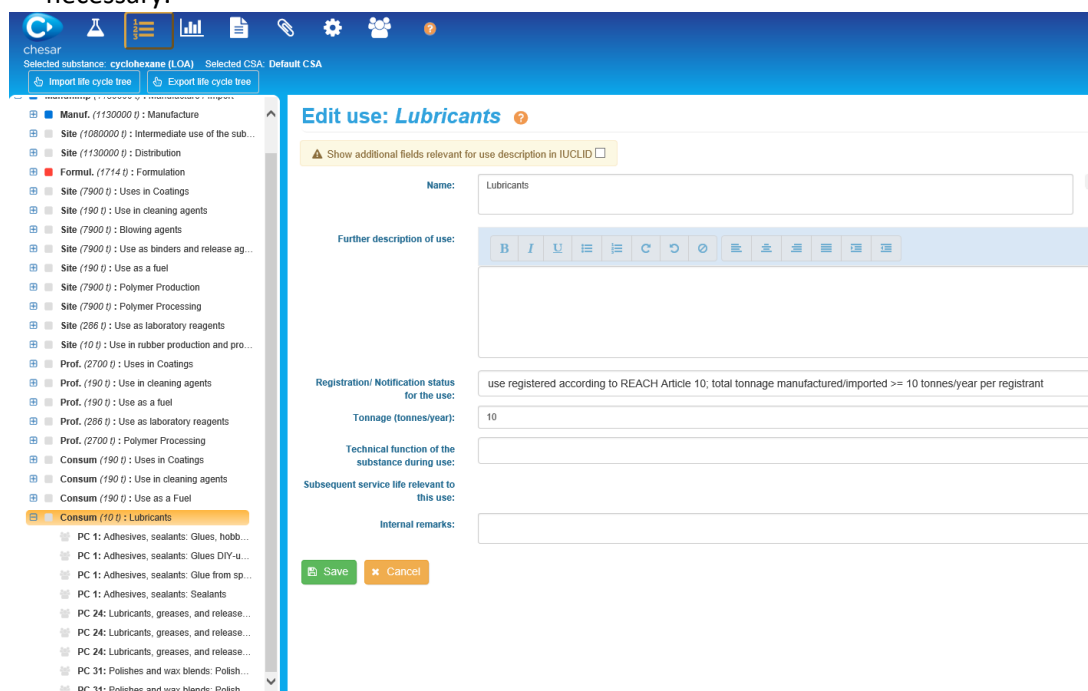
3. Click import button on Import CSA Block pop-up window.



4. Select CSA Block file from folder where EGRET GES files are located.



5. New Use with PC contributing scenarios is added to the lifecycle tree. Note that the 10 tonnes/year was used as the default tonnage band. You can edit this tonnage in CHESAR if necessary.



6. For any qualitative risks identified, users need to include the risk control statements manually in Chesar.

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