



## **Electronic Confidential Statement of Formula (eCSF) User Guide**

Environmental Protection Agency

Office of Pesticide Programs

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## 1 Introduction

The United States Environmental Protection Agency (EPA) Office of Pesticide Programs (OPP) developed the Electronic Confidential Statement of Formula (eCSF) application to provide registrants an electronic option to create and submit 'EPA Form 8570-4 – Confidential Statement of Formula' (CSF) via the Pesticide Submission Portal (PSP) in the Central Data Exchange (CDX).

EPA designed 'EPA Form 8570-4' to capture a pesticide product's complete chemical composition for use during registration evaluation under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). This form must be completed and submitted with each application for new registration of a pesticide product and application for amended registration, if the revision involves a formulation change.

### 1.1 Purpose

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This document provides instructions on how to use the eCSF application to build eCSF Extensible Markup Language (XML) files for electronic submission to EPA via PSP.

After reviewing this document, users will be able to:

- Access the eCSF application via CDX/PSP
- Upload and modify eCSF XML files
- Create, prepare, and save an eCSF XML file
- Submit an eCSF XML file via PSP

## 2 System Requirements

The following items are required to use the eCSF application:

- Internet access
- An e-mail account
- A vendor supported web browser with Java Script enabled and pop-up blockers disabled
- A vendor supported version of Adobe Acrobat Reader
- A CDX account with an active PSP Program Service role

### 2.1 Supported Browsers

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For optimal performance, Google Chrome is recommended to access the eCSF application. However, vendor supported versions of the following browsers may also be used:

- [Google Chrome](#)
- [Mozilla Firefox](#)
- [Microsoft Internet Explorer \(IE\) or Edge](#)

### 2.2 Screen Resolution

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Screen resolution should be set to 1024 x 768 or greater.

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### 3 Live Application Support

Real-time application support is available by contacting the CDX Help Desk (CDXHD) using one of the following options:

- **By Telephone:**

Person-to-person telephone support is available from 8:00 am to 6:00 pm eastern standard time/eastern daylight time (EST/EDT). Call the CDXHD at its toll-free line, (888) 890-1995 or +1 (970) 494-5500 for international callers.

- **By Email:**

Send an email to [helpdesk@epacdx.net](mailto:helpdesk@epacdx.net) with 'Technical Support' in the 'Subject' line.

- **By Chat:**

Select the 'Chat with the CDX Help Desk' link on the CDX 'Contact Us' screen to generate a web form to enter information regarding a help request.

- **By Contact Form:**

Enter information in the text fields under the 'Contact Form' section of the CDX '[Contact Us](#)' screen.



## 4 eCSF General Functionalities

This section describes general eCSF functionalities and includes the following topics:

- PSP roles for registrants
- Accessing eCSF from CDX/PSP
- Navigating the eCSF ‘Home’ screen
- The functions available in the navigation tree, application header, and application footer
- Validating eCSF XML file contents

### 4.1 eCSF User Roles

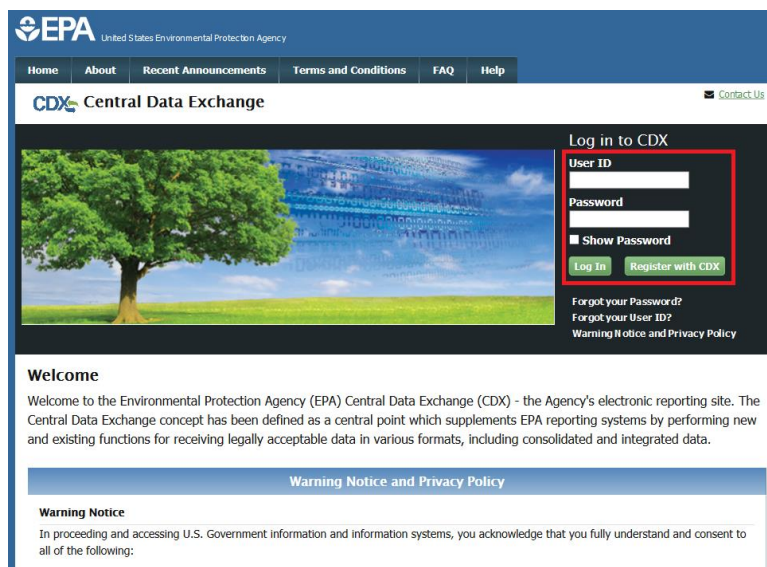
Registrants can access the eCSF application using two roles – Primary Submitter or Authorized Agent. There are no functionality differences between these roles within the eCSF application.

For more information about roles and CDX registration, please refer to the OPP CDX Pesticide Submission Portal Registration User Guide.

### 4.2 Access the eCSF Application

To access the eCSF application, first navigate to the CDX ‘[Home](#)’ screen.

**Exhibit 4-1** shows a screen capture of the CDX ‘Home’ screen:



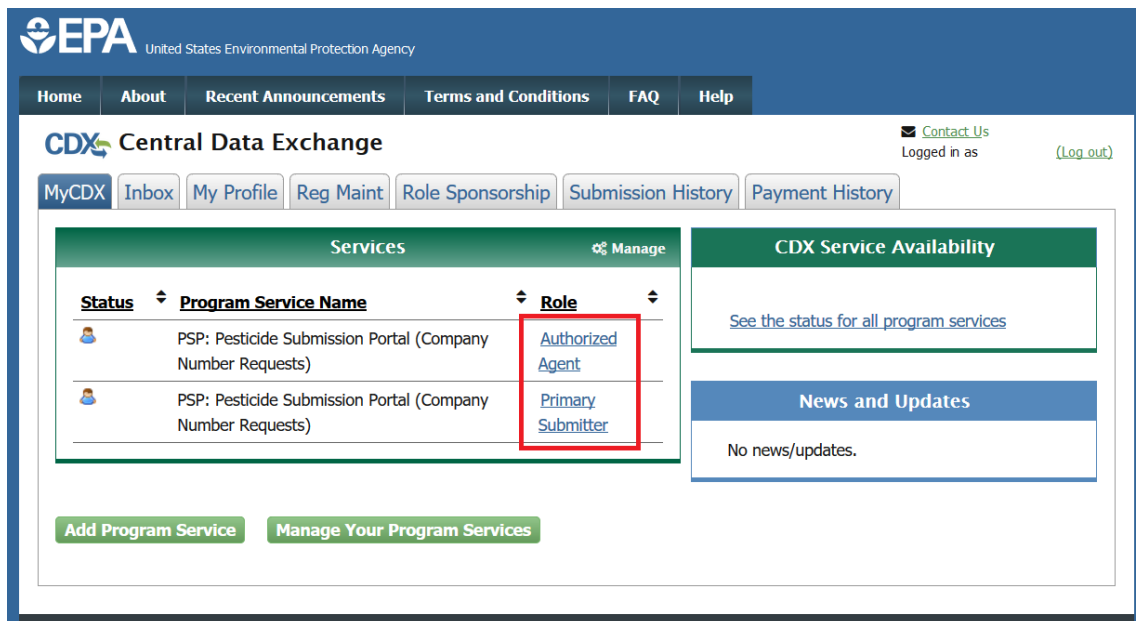
**Exhibit 4-1: CDX ‘Home’ Screen – Login**

**Navigation:** Enter valid values into the ‘User ID’ and ‘Password’ fields and select the ‘Log In’ button.

The ‘MyCDX’ screen displays once a user successfully logs into CDX. This screen contains a list of associated program services under the ‘Services’ header. If registered for the PSP program service, ‘PSP: Pesticide Submission Portal (Company Number Requests)’ will be listed. A

program service's status is visible by scrolling over the icons in the 'Status' column. Access the roles within a program service by selecting the blue, underlined link in the 'Role' column. The currently available registrant roles for PSP are 'Primary Submitter' and 'Authorized Agent.'

**Exhibit 4-2** shows a screen capture of the 'My CDX' screen:

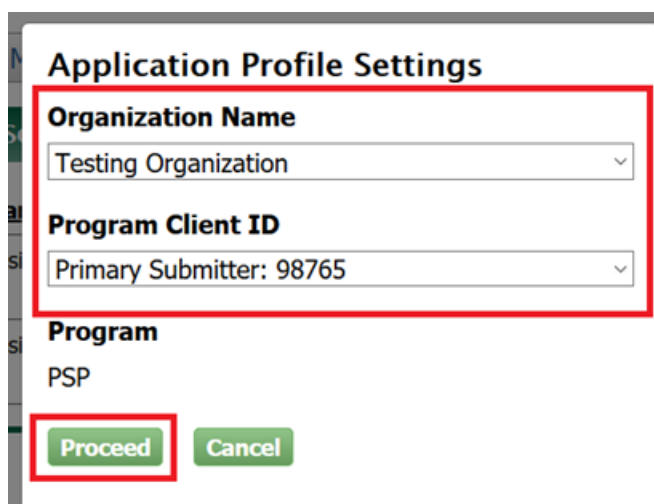


**Exhibit 4-2: 'MyCDX' Screen – PSP Program Services**

**Navigation:** Select a blue role link under the 'Role' column to enter PSP as the selected role.

When a role is associated with multiple organizations, selecting the role link on the 'MyCDX' screen generates the 'Application Profile Settings' pop-up. The user navigates directly into PSP when a role is associated with only one organization.

**Exhibit 4-3** shows a screen capture of the 'Application Profile Settings' pop-up window:



**Exhibit 4-3: CDX 'Application Profile Settings' Pop-up**

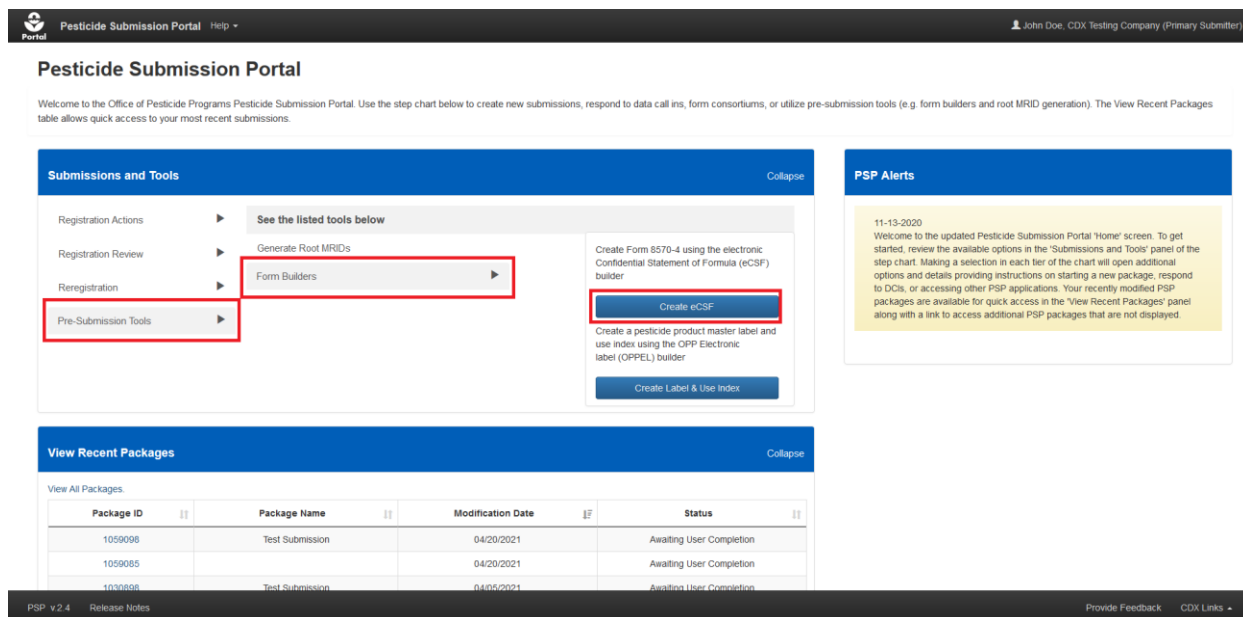
**Navigation:** Select an organization and company role/number and then select the 'Proceed' button to enter the PSP application.

### 4.3 Pesticide Submission Portal ‘Home’ Screen

The PSP ‘Home’ screen is the initial screen within PSP and provides access to the various underlying PSP applications and functions available within the portal. The screen is separated into three panels:

- The **‘Submissions and Tools’** panel provides guided access to all submission applications and is logically divided into regulatory sections for ‘Registration Actions,’ ‘Registration Review,’ ‘Reregistration,’ and ‘Pre-Submission Tools.’ Selecting these sections displays additional information for the options available under each regulatory section. For information on how to locate a specific submission type, navigate to the corresponding section of this user guide.
- The **‘PSP Alerts’** panel displays information pertinent to PSP including outage, maintenance, and OPP programmatic notifications.
- The **‘View Recent Packages’** panel displays the five (5) most recently modified registration packages for the user and organization displayed in the application header. Note that non-registration package submissions (e.g., DCI Responses) and registration packages for organizations other than the one displayed in the application header will not display.

**Exhibit 4-4** shows a screen capture of how to navigate the PSP ‘Home’ screen to access the eCSF application:



**Pesticide Submission Portal**

Welcome to the Office of Pesticide Programs Pesticide Submission Portal. Use the step chart below to create new submissions, respond to data call ins, form consortiums, or utilize pre-submission tools (e.g. form builders and root MRID generation). The View Recent Packages table allows quick access to your most recent submissions.

**Submissions and Tools**

Registration Actions ▶ See the listed tools below

Registration Review ▶ Generate Root MRIDs

Reregistration ▶ Form Builders

Pre-Submission Tools ▶

Create eCSF

Create a pesticide product master label and use index using the OPP Electronic label (OPPEL) builder

Create Label & Use Index

**PSP Alerts**

11-13-2020

Welcome to the updated Pesticide Submission Portal 'Home' screen. To get started, review the available options in the 'Submissions and Tools' panel of the step chart. Making a selection in each tier of the chart will open additional options and details providing instructions on starting a new package, respond to DCIs, or accessing other PSP applications. Your recently modified PSP packages are available for quick access in the 'View Recent Packages' panel along with a link to access additional PSP packages that are not displayed.

**View Recent Packages**

View All Packages.

Package ID	Package Name	Modification Date	Status
1059096	Test Submission	04/20/2021	Awaiting User Completion
1059085	Test Submission	04/20/2021	Awaiting User Completion
1059098	Test Submission	04/05/2021	Awaiting User Completion

PSP v2.4 Release Notes Provide Feedback CDX Links

**Exhibit 4-4: Pesticide Submission Portal ‘Home’ Screen – Create eCSF Option**

**Navigation:** In the ‘Submissions and Tools’ panel, select the ‘Pre-Submission Tools’ option in the first column, next select the ‘Form Builders’ option in the second column, and finally select the ‘Create eCSF’ button.

## 4.4 Pesticide Submission Portal Header

The PSP header, first displayed on the PSP ‘Home’ screen, displays throughout all PSP applications, including the eCSF application, and contains the following useful navigation tools and information:

- The ‘Portal’ icon displayed on the left side of the header navigates the user to the PSP ‘Home’ screen from any of the PSP application screens when selected.
- Within the eCSF application, selecting the ‘Electronic Confidential Statement of Formula (eCSF)’ heading navigates the user to the eCSF ‘Home’ screen from any of the screens within the eCSF application.
- Selecting the ‘Help’ link displays application resources including user guides, answers to frequently asked questions, and contact information for the CDXHd.
- The logged in user’s name, organization, and role display as a link on the right side of the header to assist CDX users who have registered for multiple organizations and roles identify the role/organization combination with which they accessed PSP. Selecting the link will log the user out of both the application and CDX.

Error! Reference source not found. shows a screen capture of the PSP application header:

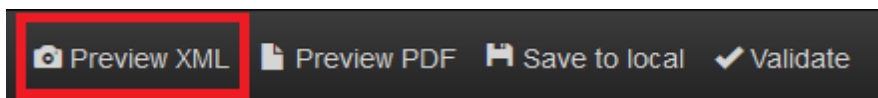


**Exhibit 4-5 Application Header**

## 4.5 eCSF Application Footer

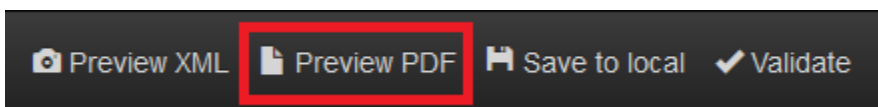
The eCSF application footer displays throughout the application and dynamically presents the below functionalities based on the displayed screen:

- **Preview XML:** Select the ‘Preview XML’ icon to generate a pop-up displaying an in-progress XML representation of the current eCSF XML file.



**Exhibit 4-6: Application Footer ‘Preview XML’ Icon**

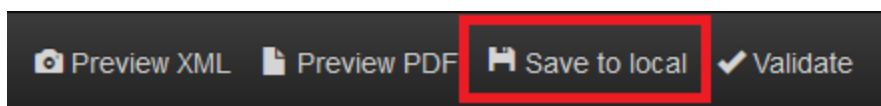
- **Preview PDF:** Select the ‘Preview PDF’ icon to generate a pop-up displaying an in-progress PDF rendering of EPA Form 8570-4 for the current eCSF XML file.



**Exhibit 4-7: Application Footer ‘Preview PDF’ Icon**

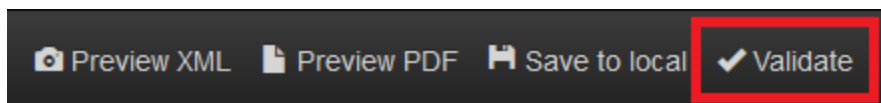
- **Save to local:** Select the ‘Save to local’ icon to save the current, in-progress eCSF XML file to a local machine. The ‘Save to local’ function does not validate entered data.

**Important:** The eCSF application does not save eCSF XML files within PSP or the eCSF application itself. All work must be saved as an XML file to a local machine.



**Exhibit 4-8: Application Footer 'Save to local' Icon**

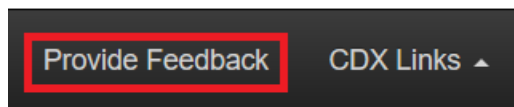
- **Validate:** Select the 'Validate' icon to check the current eCSF XML file for errors and generate a comprehensive report in a pop-up. Refer to **Section 4.7.3** for additional information about global validation.



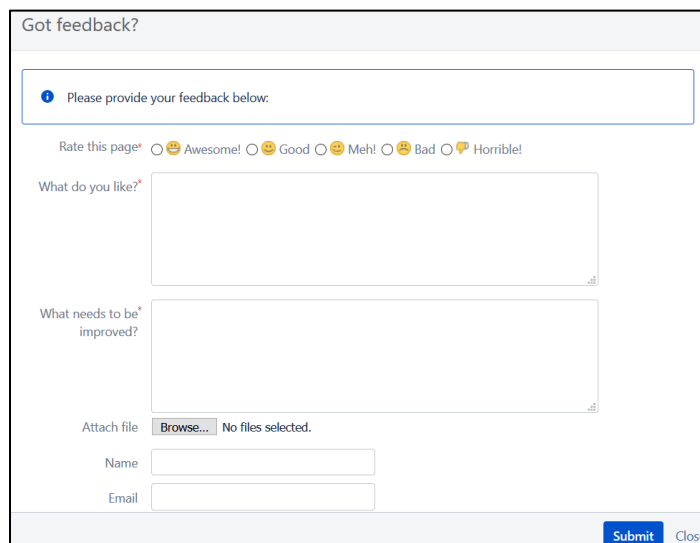
**Exhibit 4-9: Application Footer 'Validate' Icon**

- **Provide Feedback:** The feedback functionality allows users to share their eCSF application experience directly with the project team. Select the 'Provide Feedback' link to launch the feedback pop-up and provide application feedback.

**Important:** Contact the CDXHD for immediate assistance while working within PSP.



**Exhibit 4-10: Application Footer Provide Feedback**

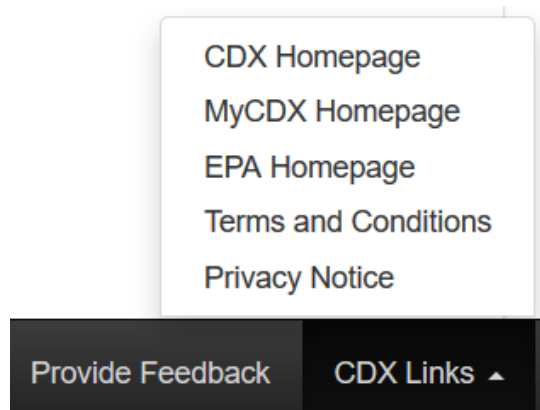

 A feedback pop-up window with a light grey header titled 'Got feedback?'. The main area has a blue border and contains the following elements:
 

- A blue information icon followed by the text 'Please provide your feedback below:'.
- A rating section titled 'Rate this page\*' with five radio button options: 'Awesome!' (with a smiley face), 'Good' (with a neutral face), 'Meh!' (with a sad face), 'Bad' (with a frowny face), and 'Horrible!' (with a very sad face).
- A text area labeled 'What do you like?\*'.
- A text area labeled 'What needs to be improved?\*'.
- An 'Attach file' section with a 'Browse...' button and the text 'No files selected.'
- Input fields for 'Name' and 'Email'.
- At the bottom right, 'Submit' and 'Close' buttons.

**Exhibit 4-11: Application Footer Provide Feedback Pop-Up**

- **Help Links:** The 'CDX Links' menu in the application footer provides convenient access to the following CDX resources:
  - CDX '[Home](#)' screen
  - '[MyCDX](#)' screen
  - [EPA Homepage](#)
  - CDX '[Terms and Conditions](#)' screen

- CDX [‘Privacy and Security Notice’](#) screen



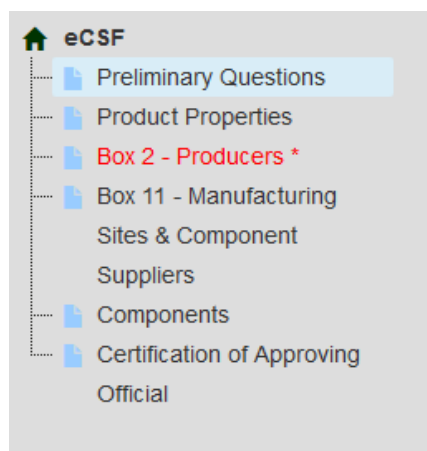
**Exhibit 4-12: Application Footer ‘CDX Links’**

## 4.6 Navigation Tree

The navigation tree is located on the left side of each screen within the eCSF application and allows a user to navigate between the various screens within a submission by selecting a screen title link. Note that the navigation tree dynamically updates based on selections made within the application.

All fields on the currently displayed screen must pass validation before a user can navigate to another screen. A user can bypass on-screen validation by marking the screen for future review. When a user marks a screen for review, the navigation tree displays its title link text in red with an asterisk to indicate the screen does not pass validation and requires future attention. Refer to **Section 4.7.2** for additional information about on-screen validation.

**Exhibit 4-13** shows a screen capture of the navigation tree:



**Exhibit 4-13: eCSF Navigation Tree**

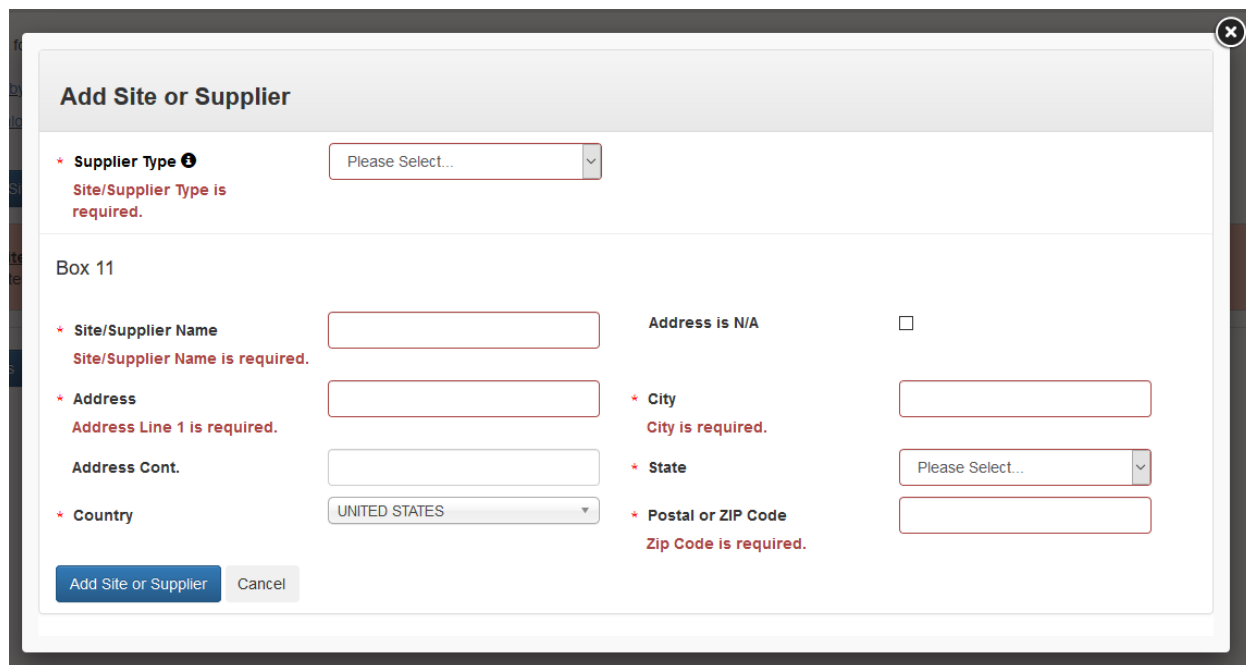
## 4.7 Validation

To ensure that data entered into an eCSF XML file are accurate and complete, the application applies a multi-part validation scheme that indicates errors while a user works on a submission and prevents a user from submitting incomplete or inaccurate files to EPA.


## 4.7.1 Pop-Up Window Validations

Many screens within the eCSF application utilize pop-up windows to facilitate data entry for an object (e.g., a component). These pop-ups follow a per field validation scheme that prevents data entered within the pop-up from being saved until a user clears all validation errors.

**Exhibit 4-14** shows a screen capture of the ‘Add Site or Supplier’ pop-up with validation errors:



**Add Site or Supplier**

\* **Supplier Type**  Please Select...  
Site/Supplier Type is required.

Box 11

\* **Site/Supplier Name**  Address is N/A ☐  
Site/Supplier Name is required.

\* **Address**  \* **City**   
Address Line 1 is required. City is required.

**Address Cont.**  \* **State** Please Select...  
Country UNITED STATES \* **Postal or ZIP Code**   
Zip Code is required.

**Exhibit 4-14: Pop-Up Validation Errors Example**

## 4.7.2 On-screen Validations

The eCSF application performs data validation on the currently displayed screen whenever a user attempts to navigate away from the screen. If no validation errors are present, the application will perform the requested action. However, if validation errors are present, the application will display error messages that a user must correct prior to navigation. Note that some error messages a user can only clear some errors by accessing the data entry pop-up for an object (e.g., a producer). In these cases, the error messages provide direction to failed object.

To navigate away from a screen that contains validation errors without correcting them, select the ‘Mark for Registrant Review’ checkbox prior to performing a navigation action. A user must clear all errors and selected ‘Mark for Registrant Review’ checkboxes before they can certify or submit an eCSF XML file.

**Exhibit 4-15** shows a screen capture of the ‘Box 2 – Producers’ screen with on-screen validation errors:

**Box 2 - Producers**

Specify the name and physical address of the company producing (mixing, blending, or diluting) the product and/or the facility where the product was last packaged. For 'Technical' products and 'End Use Products' with unregistered technical sources, specify the name and the physical address where the product is manufactured, and the address where the product was last packaged. For 'Manufacturing Use Products' and 'End Use Products' that have registered technical sources, specify the company name and physical address of the company who owns the product, and an appropriate company contact (name and phone number) for production related questions. Alternate eCSF files should be submitted when impurities are acceptable, but too similar to be included in a single eCSF file.

☐ Mark for Registrant Review ⓘ

[Download Producers Template](#)

[Download All Producers](#)

[Add Another Producer](#) [Upload Producers](#) [Remove All Producers](#)

Show  entries

All Producers

Primary Producer	Producer Name	Establishment No.	Address	Address Line 2	City	Country	State	Zip	Actions
<input type="radio"/>	Henry's Production Company		123 Any Street	Suite 5		UNITED STATES	Alaska	22202	<a href="#">Edit / Remove</a>

Showing 1 to 1 of 1 entries

[Previous](#) [Next](#)

[Previous](#) [Next](#)

[Provide Feedback](#) [CDX Links](#)

**Exhibit 4-15: On-screen Validation Example**

### 4.7.3 Global Validation

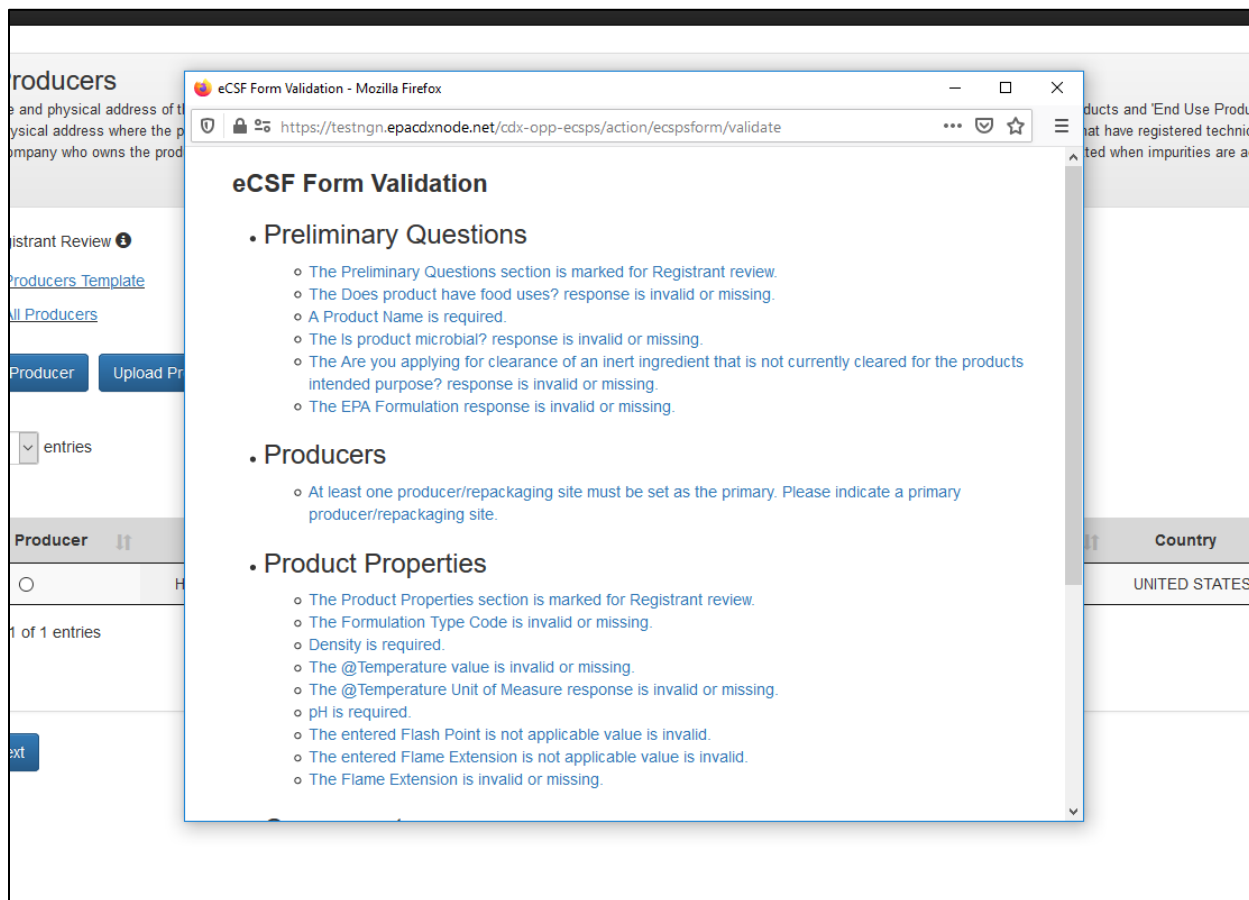
An eCSF user may perform a validation check on the entirety of an eCSF XML file at any time by selecting the ‘Validate’ icon in the application footer. Doing so will check each field within the submission for missing and/or invalid data as determined by the currently entered data.

The results of a global validation check display in a separate pop-up. Each validation error indicates the screen on which an error occurs as well as the specific error as a link to navigate to the screen to address the error. Once a user clears an error, they may select the ‘Validate’ icon again to view an updated set of errors. A user must clear all errors before they can certify or submit an eCSF XML file.

**Note:** Add CDX to a browser’s pop-up whitelist for global validation results to properly display.



**Exhibit 4-16** shows a screen capture of the global validation pop-up:



**Exhibit 4-16: 'Global Validation' Pop-Up**

**Navigation:** Select an error link in the 'Global Validation' pop-up to navigate to the location within the application where the selected error occurs.

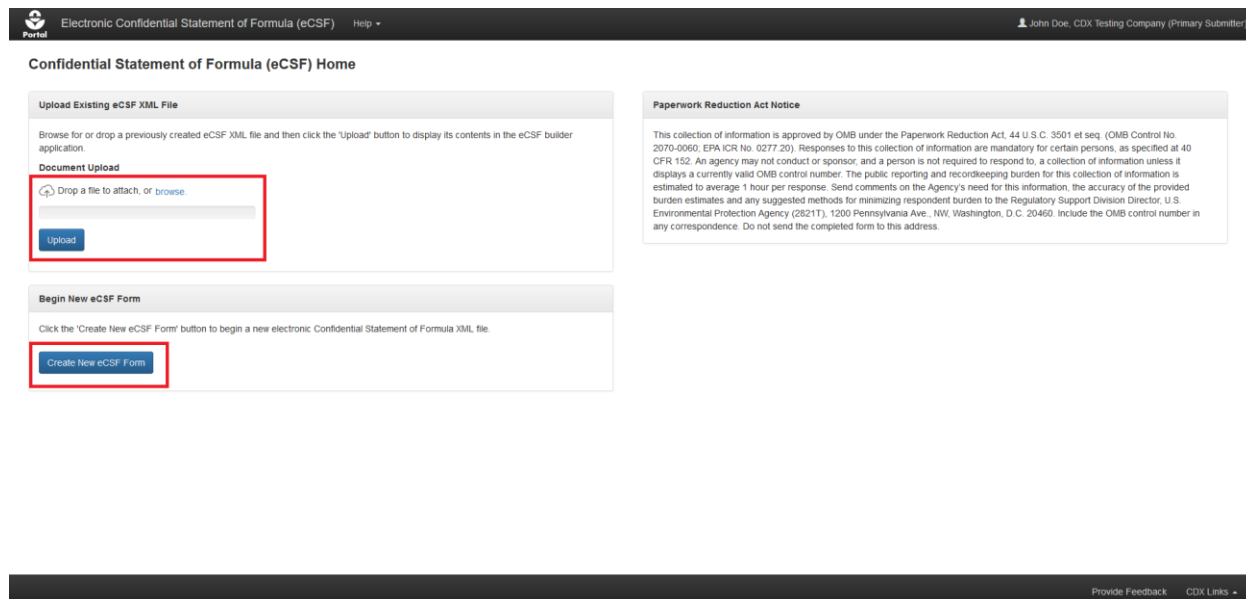
## 5 Prepare an Electronic Confidential Statement of Formula (eCSF)

This section describes how to prepare an ‘EPA Form 8570-4 – Confidential Statement of Formula’ file using the eCSF application. Upon completion, the eCSF application produces an XML file, which a user can submit to EPA in lieu of a paper form.

### 5.1 eCSF ‘Home’ Screen

The eCSF ‘Home’ screen is the first screen within the eCSF application and is accessed by following the steps outlined in **Section 4.2**. From this screen, a user has the option to create a new eCSF XML file or upload a previously created file to make edits.

**Exhibit 5-1** shows a screen capture of the eCSF ‘Home’ screen:



**Exhibit 5-1: eCSF ‘Home’ Screen**

**Navigation:** Select the ‘Create New eCSF Form’ to create a new eCSF XML file. Alternatively, upload an existing eCSF XML file and select the ‘Upload’ button to continue working on a previously created file.

### 5.2 ‘Preliminary Questions’ Screen

The ‘Preliminary Questions’ screen captures basic information for a product.

**Important:** The responses provided on this screen dynamically update application validations and requirements on subsequent screens. Enter responses for all required fields on the ‘Preliminary Questions’ screen before navigating away from the screen to ensure the expected experience on subsequent screens.

The following fields display on the ‘Preliminary Questions’ screen:

- **Mark for Registrant Review:** Select this checkbox to bypass on-screen validation. When a screen has been marked for review, the navigation tree displays its title link text in red with

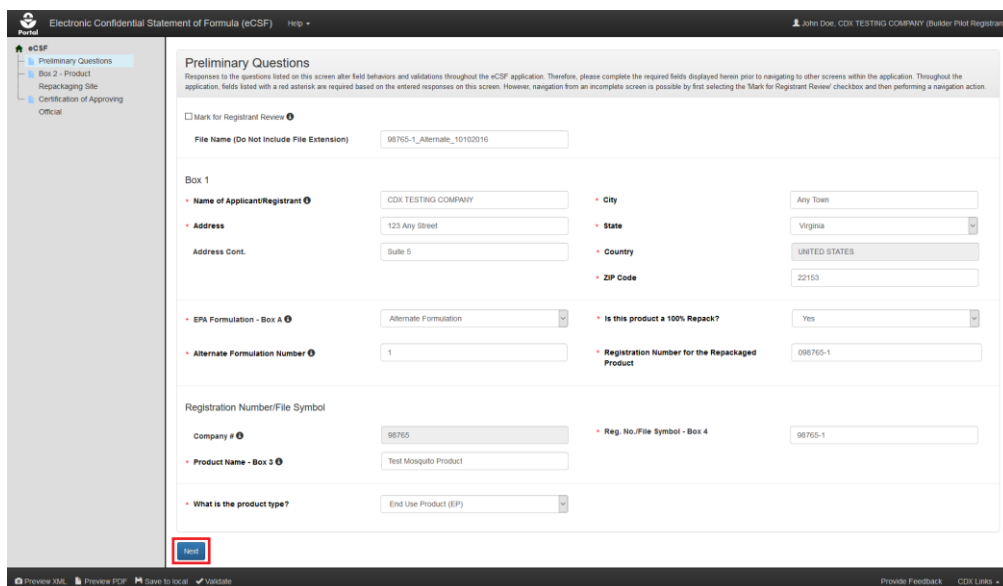
an asterisk to indicate the screen does not pass validation and requires future attention. This field is optional.

- **File Name:** Enter the name that the eCSF XML file will have when a user saves it to their local machine. This field is pre-populated with a placeholder name, but EPA recommends their preferred file naming convention of '[EPA Registration Number]\_[Basic/Alternate]\_[Date Signed]' (e.g., '98765-1\_Basic\_10102016'). This field is required.
- **Box 1 – Name of Applicant/Registrant:** Enter the name of the company that legally owns the product registration. The displayed information populates from the logged in user's CDX account and should be updated if it is inaccurate. This field is required.
- **Box 1 – Address:** Enter the mailing address for the company that legally owns the product registration. The displayed information populates from the logged in user's CDX account and should be updated if it is inaccurate. This field is required and may not be a PO Box.
- **Box 1 – Address Cont.:** Enter the continued mailing address for the company that legally owns the product registration. The displayed information populates from the logged in user's CDX account and should be updated if it is inaccurate. This field is optional.
- **Box 1 – City:** Enter the city for the mailing address for the company that legally owns the product registration. The displayed information populates from the logged in user's CDX account and should be updated if it is inaccurate. This field is required.
- **Box 1 – State:** Select the state for the mailing address for the company that legally owns the product registration. The displayed information populates from the logged in user's CDX account and should be updated if it is inaccurate. This field is required.
- **Box 1 – Country:** Enter the country for the mailing address for the company that legally owns the product registration. The displayed information populates from the logged in user's CDX account and should be updated if it is inaccurate. This field is required and must be 'UNITED STATES'.
- **Box 1 – ZIP Code:** Enter the ZIP Code for the mailing address for the company that legally owns the product registration. The displayed information populates from the logged in user's CDX account and should be updated if it is inaccurate. This field is required and must be in either the '#####' or '#####-####' format.
- **EPA Formulation – Box A:** Select the formulation type for which the registration data requirements were reviewed by EPA. This field is required.
- **Alternate Formulation Number:** Enter an 'Alternate Formulation Number' for the formulation. This number should be a consecutively numbered integer up to five (5) digits (e.g., 1, 2, 3). To submit a new version of an Alternate Formulation, enter the 'Alternate Formulation Number' used in the corresponding, previously submitted version. This field is required when 'EPA Formulation – Box A' is 'Alternate Formulation.'
- **Is this product a 100% Repack?:** Indicate whether the product is a 100% repackaging of another EPA registered product. Selecting 'Yes' for this field significantly reduces the number of required fields within the form and reduces the displayed screens to the

‘Preliminary Questions,’ ‘Box 2 – Product Repackaging Site,’ and ‘Certification of Approving Official’ screens. This field is required.

- **Registration Number for the Repackaged Product:** Enter the registration number for the repackaged, EPA registered product. Once a user enters a number, the application will search current registration data to populate product data into the eCSF XML file and ensure that the entered number is accurate. This field is required.
- **Company #:** Displays the company number associated with the logged in user’s CDX account. This field is fixed and required.
- **Reg. No./File Symbol – Box 4:** Enter the full, EPA registration number or file symbol (e.g., ‘Company Number–Product Code’). Leave this field blank if EPA has not assigned a registration number to the product. If a user enters a valid registration number, the application will search current registration data to populate the ‘Product Name – Box 3’ field. This field is required for 100% repackaged products, but is otherwise optional.
- **EPA Product Manager/Team Number – Box 5:** If known, enter the EPA Product Manager number. This field is optional.
- **Product Name – Box 3:** Enter the product name as written on the application form and product label. If nothing is entered in the ‘Reg. No./File Symbol – Box 4’ field the application will search current registration data to ensure that the entered value does not already exist for a product. This field is required.
- **What is the Product Type?:** Select a product type. This field is required. The following options are available for selection:
  - Technical
  - Manufacturing Use Product (previously known as Manufacturing Concentrate)
  - End Use Product (EP)
- **Is this an Integrated Systems Product (ISP)?:** Indicate whether the product is an integrated systems product. This field displays when the ‘Product Type’ is ‘Technical’ or ‘End Use Product (EP)’ and is required when displayed.
- **Applying for Inert Clearance?:** Indicate whether a clearance application is pending for any of the ‘Inert’ components within the eCSF XML file. Indicating that a user is also applying for food use clearance for a product allows ‘Inert’ components not cleared for food use to be added for products that have food uses. This field is required.
- **Is product microbial?:** Indicate whether the product has antimicrobial properties. This field is required.
- **Does product have food uses?:** Indicate whether the product has food uses. Note that the application does not allow ‘Inert’ components not cleared for food use in a food use product unless a user also indicates that an application for clearance is pending. This is a required field.

**Exhibit 5-2** shows a screen capture of the ‘Preliminary Questions’ screen for a 100% repack product:



**Preliminary Questions**

Responses to the questions listed on this screen alter field behaviors and validations throughout the eCSF application. Therefore, please complete the required fields displayed herein prior to navigating to other screens within the application. Throughout the application, fields listed with a red asterisk are required based on the entered responses on this screen. However, navigation from an incomplete screen is possible by first selecting the 'Mark for Registrant Review' checkbox and then performing a navigation action.

☐ Mark for Registrant Review ⓘ

File Name (Do Not Include File Extension)

**Box 1**

\* Name of Applicant/Registrant ⓘ  \* City

\* Address  \* State

Address Cont.  \* Country

\* ZIP Code

\* EPA Formulation - Box A ⓘ  \* Is this product a 100% Repack?

\* Alternate Formulation Number ⓘ  \* Registration Number for the Repackaged Product

**Registration Number/File Symbol**

Company # ⓘ  \* Reg. No./File Symbol - Box 4

\* Product Name - Box 3 ⓘ

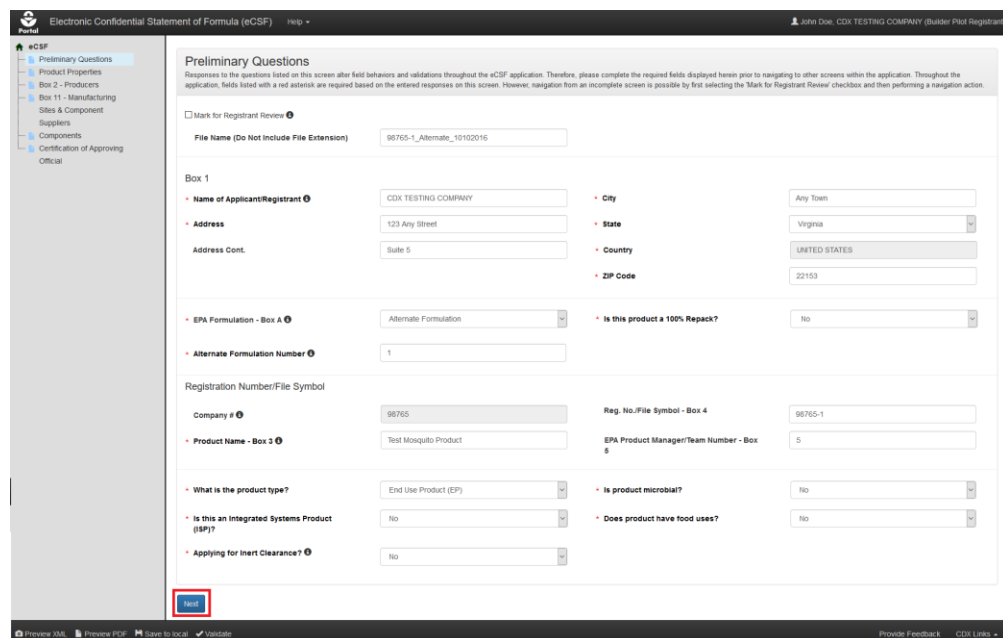
\* What is the product type?

**Next**

**Exhibit 5-2: ‘Preliminary Questions’ Screen – 100% Repack Product**

**Navigation:** Fill out all necessary fields and select the ‘Next’ button.

**Exhibit 5-3** shows a screen capture of the ‘Preliminary Questions’ screen for a non-repack product:



**Preliminary Questions**

Responses to the questions listed on this screen alter field behaviors and validations throughout the eCSF application. Therefore, please complete the required fields displayed herein prior to navigating to other screens within the application. Throughout the application, fields listed with a red asterisk are required based on the entered responses on this screen. However, navigation from an incomplete screen is possible by first selecting the 'Mark for Registrant Review' checkbox and then performing a navigation action.

☐ Mark for Registrant Review ⓘ

File Name (Do Not Include File Extension)

**Box 1**

\* Name of Applicant/Registrant ⓘ  \* City

\* Address  \* State

Address Cont.  \* Country

\* ZIP Code

\* EPA Formulation - Box A ⓘ  \* Is this product a 100% Repack?

\* Alternate Formulation Number ⓘ

**Registration Number/File Symbol**

Company # ⓘ  \* Reg. No./File Symbol - Box 4

\* Product Name - Box 3 ⓘ  \* EPA Product Manager/Team Number - Box 5

\* What is the product type?  \* Is product microbial?

\* Is this an Integrated Systems Product (ISP)?  \* Does product have food uses?

\* Applying for Inert Clearance? ⓘ

**Next**

**Exhibit 5-3: ‘Preliminary Questions’ Screen – Non-Repack Product**

**Navigation:** Fill out all necessary fields and select the ‘Next’ button.

### 5.3 'Product Properties' Screen

---

The 'Product Properties' screen gathers data about a product's physical properties. This screen does not display when 'Is this product a 100% Repack?' on the 'Preliminary Questions' screen is 'Yes.'

**Important:** Similar to the 'Preliminary Questions' screen, responses provided on this screen dynamically update application validations and requirements on subsequent screens. Enter responses for all required fields on the 'Product Properties' screen before navigating away from the screen to ensure the expected experience on subsequent screens.

The following fields display on the 'Product Properties' screen:

- **Mark for Registrant Review:** Select this checkbox to bypass on-screen validation. When a screen has been marked for review, the navigation tree displays its title link text in red with an asterisk to indicate the screen does not pass validation and requires future attention. This field is optional.
- **Formulation Type Code:** Select the formulation type that best describes the product. A formulation type code must remain consistent throughout a product's registration. 'Technical' products should be described as either a 'Solid' or a 'Liquid'. This field is required. The following options are available for selection:
  - Solid
  - Liquid
  - Gas
  - Plant Incorporated Protectant
- **Is this an impregnated material?:** Indicate whether the product is an impregnated material. This field only displays when 'Formulation Type Code' is 'Solid' and is required when displayed.
- **Material Type:** Enter a material type for an impregnated material. This field only displays when 'Formulation Type Code' is 'Solid' and 'Is this an impregnated material?' is 'Yes.' This field is required when displayed.
- **Weave Count:** Enter a weave count. This field displays when 'Formulation Type Code' is 'Solid,' 'Is this an impregnated material?' is 'Yes,' and 'Is this a water soluble package?' is 'No;' or when 'Formulation Type Code' is 'Liquid,' 'Does this product contain substrate/towelette/wipe?' is 'Yes,' and 'Is this a water soluble package?' is 'No.' This field is required when displayed.
- **Weave Size:** Enter a weave size. This field displays when 'Formulation Type Code' is 'Solid,' 'Is this an impregnated material?' is 'Yes,' and 'Is this a water soluble package?' is 'No;' or when 'Formulation Type Code' is 'Liquid,' 'Does this product contain substrate/towelette/wipe?' is 'Yes,' and 'Is this a water soluble package?' is 'No.' This field is required when displayed.
- **Is the product a pet collar?:** Indicate whether the product is a pet collar. This field only displays when 'Formulation Type Code' is 'Solid' and 'Is this an impregnated material?' is 'Yes.' This field is optional.

- **Is the product an ear tag?:** Indicate whether the product is an ear tag. This field only displays when 'Formulation Type Code' is 'Solid' and 'Is this an impregnated material?' is 'Yes.' This field is optional.
- **Plastic Type:** Enter a plastic type for a pet collar or ear tag product. This field only displays when 'Is the product a pet collar?' and/or 'Is the product an ear tag?' is/are 'Yes.' This field is optional when displayed.
- **Is the product under pressure?:** Indicate whether the product is under pressure. Note that this does not apply to bag-on-valve products. This field only displays when 'Formulation Type Code' is 'Liquid' and is required when displayed.
- **Is this a water soluble package?:** Indicate whether the product's packaging is water soluble. Additional fields display for products that are indicated as having water-soluble packaging. This field only displays when 'Formulation Type Code' is 'Solid' or 'Liquid' and is required when displayed.
- **Ink Type:** Enter the ink type associated with the water-soluble packaging. This field only displays when 'Is this a water soluble package?' is 'Yes' and is required when displayed.
- **Film Type:** Enter the film type associated with the water-soluble packaging. This field only displays when 'Is this a water soluble package?' is 'Yes' and is required when displayed.
- **Does this product contain substrate/towelette/wipe?:** Indicate whether the product contains a substrate, towelette, or wipe. Note that products that have a substrate, towelette, or wipe cannot also have water-soluble packaging. This field only displays when 'Formulation Type Code' is 'Liquid' and is required when displayed.
- **Tissue Type:** Indicate the tissue type for a 'Plant Incorporated Protectant' product. This field only displays when 'Formulation Type Code' is 'Plant Incorporated Protectant' and is optional when displayed. The following options are available for selection:
  - Whole Plant
  - Leaf
  - Kernel (Seed)
  - Root
  - Other
- **Specify Other Tissue Type:** Enter the tissue type when none of the options in the 'Tissue Type' field applies to the product. This field only displays when 'Tissue Type' is 'Other' and is optional when displayed.
- **Viscosity:** Enter a viscosity value, if necessary. This field is optional.
- **Viscosity Units:** Select a viscosity unit. Please select 'mPa(s)' for liquid MA and/or 'End Use Products'. This field is required when a 'Viscosity' value is present. The following options are available for selection:
  - mPa(s)
  - cP



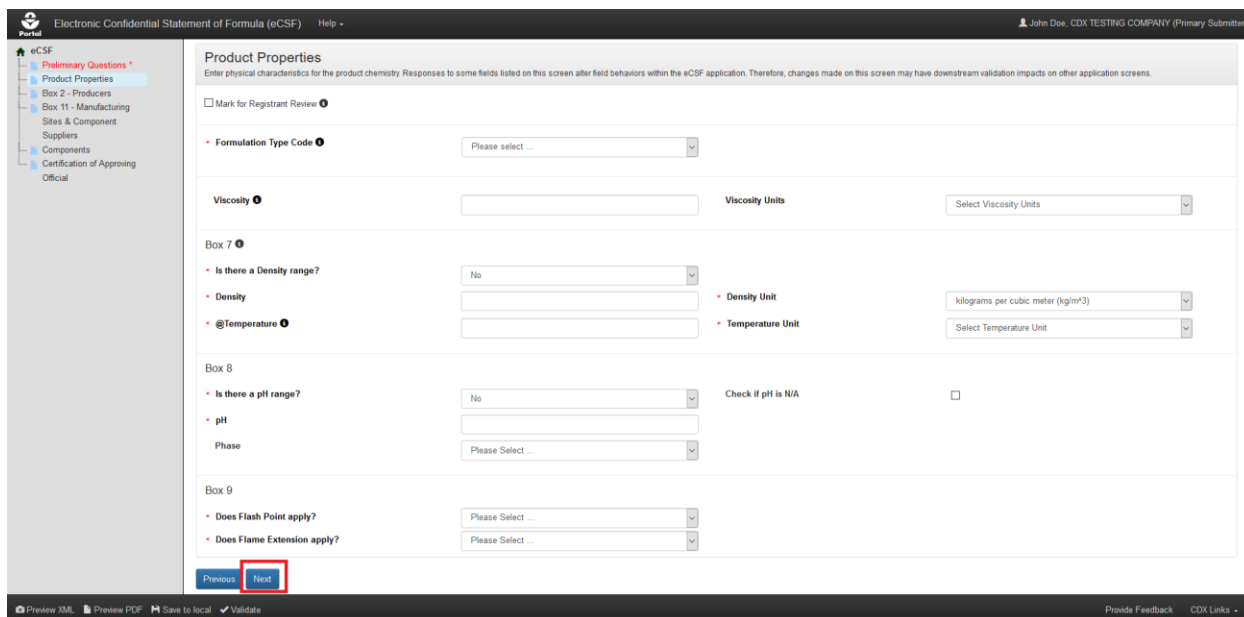
- St
- cSt
- **Box 7 – Is there a Density range?:** Indicate whether the product has measured upper and lower density values. This field is required.
- **Box 7 – Density:** If the product does not have a density range, enter the density value. This field only displays when ‘Is there a Density range?’ is ‘No’ and is required when displayed.
- **Box 7 – Lower Limit:** If the product has a density range, enter the lower limit density value. This field only displays when ‘Is there a Density range?’ is ‘Yes’ and is required when displayed.
- **Box 7 – Upper Limit:** If the product has a density range, enter the upper limit density value. This field only displays when ‘Is there a Density range?’ is ‘Yes’ and is required when displayed.
- **Box 7 – Density Unit:** Select a density unit. EPA requires that the ‘Density Unit’ for liquid products be reported in ‘pounds per US gallon (ppg)’ and ‘pounds per cubic foot (lb/ft<sup>3</sup>)’ for other product types. The eCSF application converts this input into the appropriate unit when a user validates or renders the XML file. This field is required. The following options are available for selection:
  - kilograms per cubic meter (kg/m<sup>3</sup>)
  - grams per cubic centimeter (g/cm<sup>3</sup>)
  - kilograms per liter (kg/L)
  - grams per milliliter (g/mL)
  - pounds per cubic foot (lb/ft<sup>3</sup>)
  - pounds per US gallon (ppg)
  - N/A (Specific Gravity)
- **Box 7 – @Temperature:** Enter the temperature at which the ‘pounds per US gallon (ppg)’ or bulk density was determined. This field is required.
- **Box 7 – Temperature Unit:** Select a unit for the ‘@Temperature’ value. This field is required. The following options are available for selection:
  - °F
  - °C
- **Box 7 – Check if Density is N/A:** Indicate whether a density measurement is not applicable for the product. This field only displays when ‘Formulation Type Code’ is ‘Plant Incorporated Protectant’ and is optional when displayed.
- **Box 7 – Reason Density is N/A:** Enter a reason why a density measure is not applicable for the product. This field only displays when ‘Check if Density is N/A’ is selected and is required when displayed.



- **Box 8 – Is there a pH range?:** Indicate whether the product has measured upper and lower pH values. This field is required.
- **Box 8 – pH:** If the product does not have a pH range, enter the pH value. This field only displays when 'Is there a pH range?' is 'No' and is required when displayed.
- **Box 8 – Lower Limit:** If the product has a pH range, enter the lower limit pH value. This field only displays when 'Is there a pH range?' is 'Yes' and is required when displayed.
- **Box 8 – Upper Limit:** If the product has a pH range, enter the upper limit pH value. This field only displays when 'Is there a pH range?' is 'Yes' and is required when displayed.
- **Box 8 – Phase:** Enter the phase at which the pH value(s) was measured. This field is optional. The following options are available for selection:
  - Neat
  - Dispersion
  - Emulsion
  - Solution
- **Box 8 – Check if pH is N/A:** Indicate whether a pH measurement is not applicable for the product. This field is optional
- **Box 8 – Reason pH is N/A:** Enter a reason why a pH measure is not applicable for the product. This field only displays when 'Check if pH is N/A' is selected and is required when displayed.
- **Box 9 – Does Flash Point apply?:** Indicate whether a flash point applies to the product. This field is required.
- **Box 9 – Flash Point:** Enter a flashpoint for combustible liquid MAs and 'End Use Products'. This field only displays when 'Does Flash Point apply?' is 'Yes' and is required when displayed.
- **Box 9 – Temperature Unit:** Select a unit for the 'Flash Point' value. This field only displays when 'Does Flash Point apply?' is 'Yes' and is required when displayed. The following options are available for selection:
  - °F
  - °C
- **Box 9 – Reason Flash Point is N/A:** Enter a reason for why a flash point is not applicable for the product. This field only displays when 'Does Flash Point apply?' is 'No' and is required when displayed.
- **Box 9 – Does Flame Extension apply?:** Indicate whether a flame extension applies to the product. This field is required.
- **Box 9 – Flame Extension (Inches):** Provide the flame extension for aerosol products as measured in inches. This field only displays when 'Does Flame Extension apply?' is 'Yes' and is required when displayed.

- **Box 9 – Reason Flame Extension is N/A:** Enter a reason for why a flame extension is not applicable for the product. This field only displays when ‘Does Flame Extension apply?’ is ‘No’ and is required when displayed.

**Exhibit 5-4** shows a screen capture of the ‘Preliminary Questions’ screen for a non-repack product:



The screenshot displays the 'Product Properties' screen within the 'Electronic Confidential Statement of Formula (eCSF)' application. The interface includes a sidebar with navigation links such as 'Preliminary Questions', 'Product Properties', 'Box 2 - Producers', 'Box 11 - Manufacturing Sites & Component Suppliers', 'Components', and 'Certification of Approving Official'. The main content area is titled 'Product Properties' and contains several sections for data entry:

- Formulation Type Code:** A dropdown menu with the text 'Please select ...'.
- Viscosity:** A text input field and a dropdown menu for 'Select Viscosity Units'.
- Box 7:** Contains fields for 'Is there a Density range?' (dropdown with 'No' selected), 'Density' (text input), 'Density Unit' (dropdown with 'kilograms per cubic meter (kg/m³)' selected), '@Temperature' (text input), and 'Temperature Unit' (dropdown with 'Select Temperature Unit' selected).
- Box 8:** Contains fields for 'Is there a pH range?' (dropdown with 'No' selected), 'pH' (text input), 'Phase' (dropdown with 'Please Select ...' selected), and a checkbox for 'Check if pH is N/A'.
- Box 9:** Contains dropdown menus for 'Does Flash Point apply?' and 'Does Flame Extension apply?'.

At the bottom of the form, there are 'Previous' and 'Next' buttons. The 'Next' button is highlighted with a red rectangular box. Below the form, there is a footer bar with links for 'Preview XML', 'Preview PDF', 'Save to local', 'Validate', 'Provide Feedback', and 'CDX Links'.

**Exhibit 5-4: ‘Product Properties’ Screen**

**Navigation:** Fill out all necessary fields and select the ‘Next’ button.

## 5.4 ‘Box 2 – Producers and Product Repackaging Site’ Screen

The screen that populates ‘Box 2’ on ‘EPA Form 8570-4 – Confidential Statement of Formula’ (as well as associated addendum pages) displays as either ‘Box 2 – Producers’ for non-repackaged products or as ‘Box 2 – Product Repackaging Site’ for 100% repack products.

This screen allows a user to specify the name and physical address of the company producing (mixing, blending, or diluting) the product and/or the facility where the product was last packaged.

- For 'Technical' products and 'End Use Products' with unregistered technical sources, specify the name and the physical address where the product is manufactured, and the address where the product was last packaged.
- For 'Manufacturing Use Products' that have registered technical sources, specify the company name and physical address of the company who owns the product, and an appropriate company contact (name and phone number) for production related questions.
- For 'End Use Products' that have registered technical sources, specify an appropriate company contact (name, title, and phone number) for production related questions.

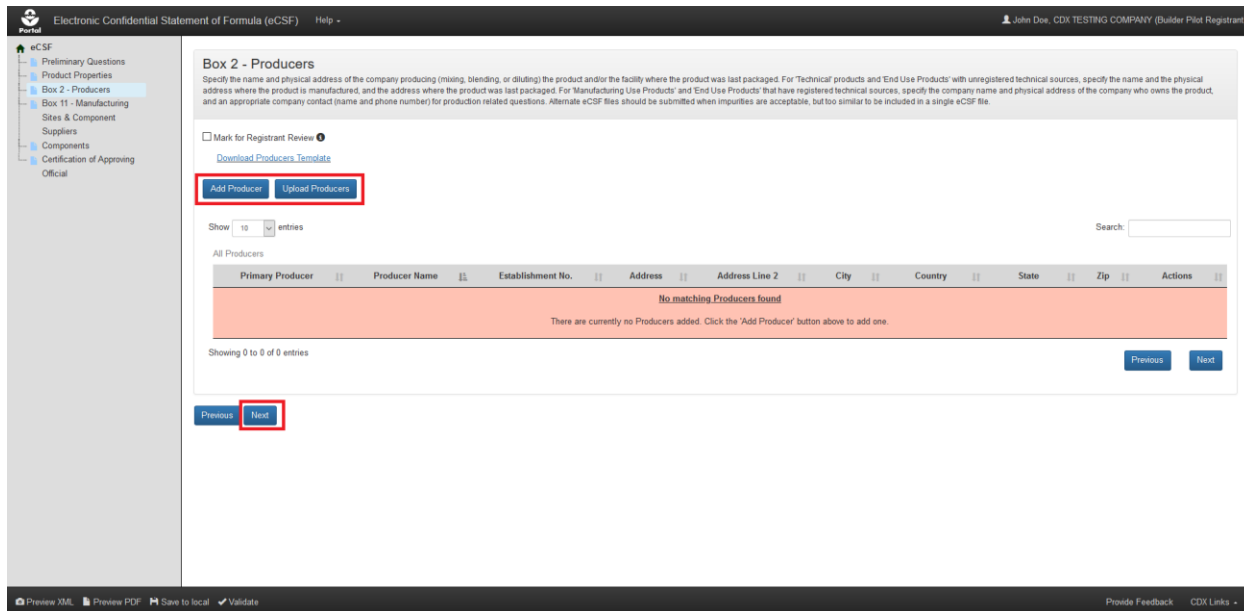
**Note:** ‘Basic Formulation’ files may only have a single entry on this screen.

The following items display on the ‘Box 2 – Producers and Product Repackaging Site’ screen:

- **Mark for Registrant Review:** Select this checkbox to bypass on-screen validation. When a screen has been marked for review, the navigation tree displays its title link text in red with an asterisk to indicate the screen does not pass validation and requires future attention. This field is optional.
- **Download Producers Template (link):** Select this link to download the latest version of the ‘Producers’ template to a local machine.
- **Download All Producers (link):** Select this link to download a Microsoft Excel file containing all of the entries in the displayed table.
- **On-screen Validation Errors:** The application performs on-screen validations to ensure that underlying producer data is complete and accurate. Error messages display to the right of the screen’s action buttons and provide reference to specific producer entries that fail validation. When a generic error message displays, access the ‘Add Producer’ pop-up via the ‘Edit’ link in the ‘Actions’ column to view and resolve the specific error.
- **Add Producer or Product Repackaging Site (button):** Select this button to initiate the manual entry process. Refer to **Section 5.4.1** for detailed instructions on how to manually enter a site or supplier.
- **Upload Producers or Product Repackaging Sites (button):** Select this button to initiate the bulk upload process. Refer to **Section 5.4.2** for detailed instructions on how bulk producers.
- **Delete Producers or Product Repackaging Sites (button):** Select this button to remove all entries listed on the screen.
- **Pagination:** The pagination feature updates the table view to display 10, 25, 50, or 100 entries and displays the number of pages at the bottom right of the table.
- **Search:** The search function updates the table view to display only those entries for which the entered string is present.
- **Primary Producer (table column):** Indicate the entry that should display in ‘Box 2’ on the first page of the rendered PDF. This field is required.
- **Producer Name (table column):** Displays the organization name for the listed entry.
- **Establishment Number (table column):** Displays the establishment number for the listed entry.
- **Address (table column):** Displays the first address line for the listed entry.
- **Address Line 2 (table column):** Displays the second address line for the listed entry.
- **City (table column):** Displays the city for the listed entry.
- **Country (table column):** Displays the country for the listed entry.
- **State (table column):** Displays the state for the listed entry.
- **Zip (table column):** Displays the ZIP Code for the listed entry.

- **Actions (table column):** Select the ‘Edit’ link to launch the ‘Add Producer/Product Repackaging Site’ pop-up to make changes to the listed entry. Select the ‘Delete’ link to remove the entry from the eCSF XML file.

**Exhibit 5-5** shows a screen capture of the ‘Box 2 – Producers’ screen:



**Box 2 - Producers**

Specify the name and physical address of the company producing (mixing, blending, or diluting) the product and/or the facility where the product was last packaged. For 'Technical' products and 'End Use Products' with unregistered technical sources, specify the name and the physical address where the product is manufactured, and the address where the product was last packaged. For 'Manufacturing Use Products' and 'End Use Products' that have registered technical sources, specify the company name and physical address of the company who owns the product, and an appropriate company contact (name and phone number) for production related questions. Alternate eCSF files should be submitted when impurities are acceptable, but too similar to be included in a single eCSF file.

☐ Mark for Registrant Review

[Download Producers Template](#)

[Add Producer](#) [Upload Producers](#)

Show 10 entries

Search:

All Producers

Primary Producer	Producer Name	Establishment No.	Address	Address Line 2	City	Country	State	Zip	Actions
No matching Producers found									
There are currently no Producers added. Click the 'Add Producer' button above to add one.									

Showing 0 to 0 of 0 entries

[Previous](#) [Next](#)

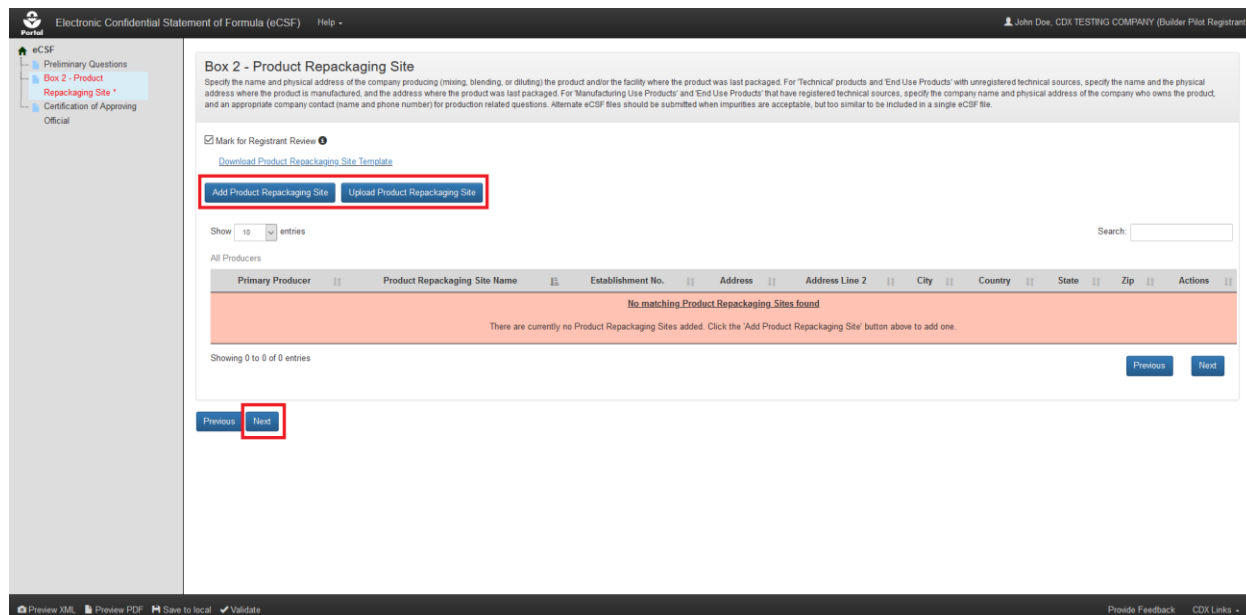
[Previous](#) [Next](#)

[Preview XML](#) [Preview PDF](#) [Save to local](#) [Validate](#) [Provide Feedback](#) [CDX Links](#)

**Exhibit 5-5: ‘Box 2 – Producers’ Screen**

**Navigation:** To add producers, select the ‘Add Producer’ button to make a single entry or select the ‘Upload Producers’ button to upload a file containing multiple entries. Refer to **Section 5.4.1** for information regarding manual entry and **Section 5.4.2** for information regarding bulk upload. Select the ‘Next’ button to navigate away from the screen when all necessary ‘Box 2’ entries are complete.

**Exhibit 5-6** shows a screen capture of the ‘Box 2 – Product Repackaging Site’ screen:



**Box 2 - Product Repackaging Site**

Specify the name and physical address of the company producing (mixing, blending, or diluting) the product and/or the facility where the product was last packaged. For 'Technical' products and 'End Use Products' with unregistered technical sources, specify the name and the physical address where the product is manufactured, and the address where the product was last packaged. For 'Manufacturing Use Products' and 'End Use Products' that have registered technical sources, specify the company name and physical address of the company who owns the product, and an appropriate company contact (name and phone number) for production related questions. Alternate eCSF files should be submitted when impurities are acceptable, but too similar to be included in a single eCSF file.

☒ Mark for Registrant Review

[Download Product Repackaging Site Template](#)

[Add Product Repackaging Site](#) [Upload Product Repackaging Site](#)

Show 10 entries

Search:

All Producers

Primary Producer	Product Repackaging Site Name	Establishment No.	Address	Address Line 2	City	Country	State	Zip	Actions
No matching Product Repackaging Sites found									
There are currently no Product Repackaging Sites added. Click the 'Add Product Repackaging Site' button above to add one.									

Showing 0 to 0 of 0 entries

[Previous](#) [Next](#)

[Previous](#) [Next](#)

[Preview XML](#) [Preview PDF](#) [Save to local](#) [Validate](#)

[Provide Feedback](#) [CDX Links](#)

**Exhibit 5-6: ‘Box 2 – Product Repackaging Site’ Screen**

**Navigation:** To add product repackaging sites, select the ‘Add Product Repackaging Site’ button to create a single entry or select the ‘Upload Product Repackaging Site’ button to upload a file containing multiple entries. Refer to **Section 5.4.1** for information regarding manual entry and **Section 5.4.2** for information regarding bulk upload. Select the ‘Next’ button to navigate away from the screen when all necessary ‘Box 2’ entries are complete.

#### 5.4.1 Manually Add a Producer/Repackaging Site

The ‘Add Producer/Repackaging Site’ pop-up allows a user to manually enter data to be rendered in ‘Box 2’ of ‘EPA Form 8570-4 – Confidential Statement of Formula’ and is accessed by selecting either the ‘Add Producer/Repackaging Site’ button or ‘Edit’ link on the ‘Box 2 – Producers and Product Repackaging Site’ screen.

The following fields display in the ‘Add Producer/Repackaging Site’ pop-up:

- **Primary Producer:** Indicate whether the producer/product repackaging site is the primary producer for the eCSF XML file. Selecting this checkbox and saving the pop-up will remove the primary producer designation from any other saved producer. The primary designation has no significance other than to indicate which entry displays on the first page of the PDF rendering. Refer to **Section 5.4.3** for additional information about viewing ‘Box 2’ entries on a rendered PDF. This field is optional.
- **Producer Name:** Enter the company/organization name for the producer/product repackaging site. This field does not display when ‘What is the product type?’ is ‘End Use Product (EP)’ on the ‘Preliminary Questions’ screen and all ‘Active’ components are registered. This field is required when displayed.

- **Establishment Number:** Enter the 'EPA Establishment Number' for the producer/product repackaging site. This field does not display when 'What is the product type?' is 'End Use Product (EP)' on the 'Preliminary Questions' screen and all 'Active' components are registered. This field is required when 'What is the product type?' is 'Technical' and/or when 'Is this product a 100% Repack?' is 'Yes' on the 'Preliminary Questions' screen. This field is optional in all other scenarios.
- **Address:** Enter the first address line for the producer/product repackaging site. This field does not display when 'What is the product type?' is 'End Use Product (EP)' on the 'Preliminary Questions' screen and all 'Active' components are registered. This field is required when displayed.
- **Address Cont.:** Enter the second address line for the producer/product repackaging site. This field does not display when 'What is the product type?' is 'End Use Product (EP)' on the 'Preliminary Questions' screen and all 'Active' components are registered. This field is required when displayed.
- **City:** Enter the city for the producer/product repackaging site. This field does not display when 'What is the product type?' is 'End Use Product (EP)' on the 'Preliminary Questions' screen and all 'Active' components are registered. This field is required when displayed.
- **State:** Select the state for the producer/product repackaging site. This field does not display when 'What is the product type?' is 'End Use Product (EP)' on the 'Preliminary Questions' screen and all 'Active' components are registered. This field is required when displayed.
- **Postal or ZIP Code:** Enter the Postal or ZIP Code for the producer/product repackaging site. This field does not display when 'What is the product type?' is 'End Use Product (EP)' on the 'Preliminary Questions' screen and all 'Active' components are registered. This field is required when displayed.
- **Country:** Select the country for the producer/product repackaging site. This field does not display when 'What is the product type?' is 'End Use Product (EP)' on the 'Preliminary Questions' screen and all 'Active' components are registered. This field is required when displayed.
- **Contact Name:** Enter a contact name for the producer/product repackaging site. Required when 'What is the product type?' is 'Manufacturing Use Product' or 'End Use Product' and/or when 'Is this product a 100% Repack?' is 'Yes' on the 'Preliminary Questions' screen. This field is optional in all other scenarios.
- **Contact Title:** Enter a contact title for the producer/product repackaging site. Required when 'What is the product type?' is 'Manufacturing Use Product' or 'End Use Product' and/or when 'Is this product a 100% Repack?' is 'Yes' on the 'Preliminary Questions' screen. This field is optional in all other scenarios.
- **Phone Number:** Enter a contact phone number for the producer/product repackaging site. Required when 'What is the product type?' is 'Manufacturing Use Product' or 'End Use Product' and/or when 'Is this product a 100% Repack?' is 'Yes' on the 'Preliminary Questions' screen. This field is optional in all other scenarios.

- **Is this a relabeling only facility?:** Indicate whether the product repackaging site is a relabeling only facility. This field only displays when 'EPA Formulation – Box A' is 'Alternate Formulation' on the 'Preliminary Questions' screen, 'What is the product type?' is 'Technical' on the 'Preliminary Questions' screen, and 'Primary Producer' is not selected. This field is required when displayed.
- **Is CSF Approval Pending?:** Indicate whether the CSF approval is pending. This field only displays when 'EPA Formulation – Box A' is 'Alternate Formulation' on the 'Preliminary Questions' screen, 'What is the product type?' is 'Technical' on the 'Preliminary Questions' screen, and 'Primary Producer' is not selected. This field is required when displayed.
- **Date site first appeared on CSF:** Enter or select the date on which the product repackaging site first appeared on a CSF for the product. This field only displays when 'EPA Formulation – Box A' is 'Alternate Formulation' on the 'Preliminary Questions' screen, 'What is the product type?' is 'Technical' on the 'Preliminary Questions' screen, and 'Primary Producer' is not selected. This field is required when displayed.
- **Date of EPA letter approving the CSF:** Enter or select the date of EPA's letter approving the CSF for the product. This field only displays when 'EPA Formulation – Box A' is 'Alternate Formulation' on the 'Preliminary Questions' screen, 'What is the product type?' is 'Technical' on the 'Preliminary Questions' screen, and 'Primary Producer' is not selected. This field displays as 'Not Applicable' when 'Is CSF Approval Pending?' is 'Yes,' but is otherwise required when displayed.
- **Date of EPA review accepting the supporting data:** Enter or select the date EPA accepted supporting data for the product. This field only displays when 'EPA Formulation – Box A' is 'Alternate Formulation' on the 'Preliminary Questions' screen, 'What is the product type?' is 'Technical' on the 'Preliminary Questions' screen, and 'Primary Producer' is not selected. This field displays as 'Not Applicable' when 'Is CSF Approval Pending?' is 'Yes,' but is otherwise required when displayed.
- **Supporting Data MRID number(s):** Enter the Master Record Identifier (MRID) number(s) for the documents that contain supporting data for the product repackaging site. This field only displays when 'EPA Formulation – Box A' is 'Alternate Formulation' on the 'Preliminary Questions' screen, 'What is the product type?' is 'Technical' on the 'Preliminary Questions' screen, and 'Primary Producer' is not selected. This field displays as 'This is a relabeling only facility, no chemical reaction production or manufacturing.' when 'Is this a relabeling only facility?' is 'Yes,' but is otherwise required when displayed.



**Exhibit 5-7** shows a screen capture of how to initiate the manual entry process on the ‘Box 2 – Producers/Product Repackaging Site’ screen:

The screenshot shows the 'Box 2 - Producers' screen in the eCSF portal. The sidebar on the left contains links for 'Preliminary Questions', 'Product Properties', 'Box 2 - Producers', 'Box 11 - Manufacturing', 'Sites & Component', 'Suppliers', 'Components', and 'Certification of Approving Official'. The main content area has a title 'Box 2 - Producers' and instructions: 'Specify the name and physical address of the company producing (mixing, blending, or diluting) the product and/or the facility where the product was last packaged. For 'Technical' products and 'End Use Products' with unregistered technical sources, specify the name and the physical address where the product is manufactured, and the address where the product was last packaged. For 'Manufacturing Use Products' and 'End Use Products' that have registered technical sources, specify the company name and physical address of the company who owns the product, and an appropriate company contact (name and phone number) for production related questions. Alternate eCSF files should be submitted when impurities are acceptable, but too similar to be included in a single eCSF file.'

Below the instructions, there are two buttons: 'Add Producer' (highlighted with a red box) and 'Upload Producers'. There is also a checkbox for 'Mark for Registrant Review' and a link for 'Download Producers Template'. A search bar is located on the right side of the main content area.

The table below shows the current state of the producers list:

Primary Producer	Producer Name	Establishment No.	Address	Address Line 2	City	Country	State	Zip	Actions
No matching Producers found									
There are currently no Producers added. Click the 'Add Producer' button above to add one.									

At the bottom of the table, it says 'Showing 0 to 0 of 0 entries'. There are 'Previous' and 'Next' buttons at the bottom of the table.

**Exhibit 5-7: ‘Box 2 – Producers/Product Repackaging Site’ Screen – Initiate Manual Entry**

**Navigation:** Select the ‘Add Producer’ button to launch the ‘Add Producer/Repackaging Site’ pop-up.

**Exhibit 5-8** shows a screen capture of the ‘Add Producer’ pop-up:

The screenshot shows the 'Add Producer - Box 2' pop-up form. The form contains the following fields:

- Producer Name (text input)
- Country (dropdown menu, currently set to 'UNITED STATES')
- Address (text input)
- State (dropdown menu, currently set to 'Please Select...')
- Establishment Number (text input)
- City (text input)
- Address Cont. (text input)
- Postal or ZIP Code (text input)
- Phone Number (Please enter numbers only) (text input)
- Is this a relabeling only facility? (dropdown menu, currently set to 'Please Select...')
- Is CSF Approval Pending? (dropdown menu, currently set to 'Please Select...')
- Date site first appeared on CSF (calendar icon)
- Date of EPA letter approving the CSF (calendar icon)
- Date of EPA review accepting the supporting data (calendar icon)
- Supporting Data MRID number(s) (text input)

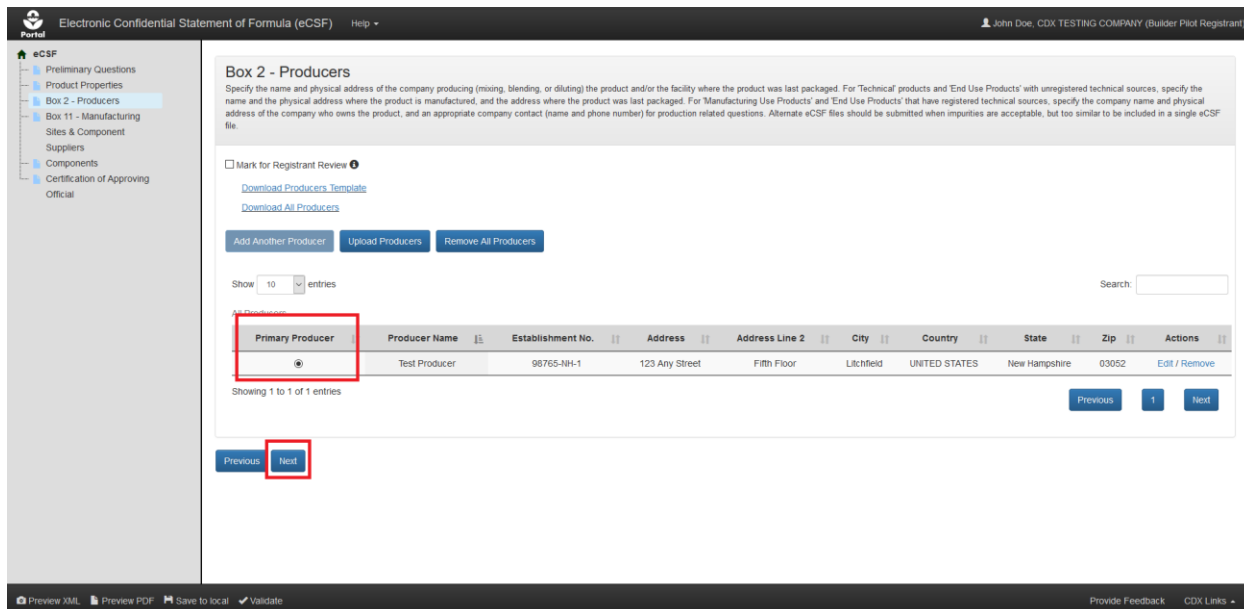
At the bottom of the form, there are two buttons: 'Add Producer' (highlighted with a red box) and 'Cancel'.

**Exhibit 5-8: ‘Add Producer’ Pop-Up**

**Navigation:** Enter data in all required fields and select the ‘Add Producer’ button.



**Exhibit 5-9** shows a screen capture the ‘Box 2 – Producers/Product Repackaging Site’ screen following a successful manual entry:



**Box 2 - Producers**

Specify the name and physical address of the company producing (mixing, blending, or diluting) the product and/or the facility where the product was last packaged. For 'Technical' products and 'End Use Products' with unregistered technical sources, specify the name and the physical address where the product is manufactured, and the address where the product was last packaged. For 'Manufacturing Use Products' and 'End Use Products' that have registered technical sources, specify the company name and physical address of the company who owns the product, and an appropriate company contact (name and phone number) for production related questions. Alternate eCSF files should be submitted when impurities are acceptable, but too similar to be included in a single eCSF file.

☐ Mark for Registrant Review ⓘ

[Download Producers Template](#)

[Download All Producers](#)

[Add Another Producer](#) [Upload Producers](#) [Remove All Producers](#)

Show  entries Search:

Primary Producer	Producer Name	Establishment No.	Address	Address Line 2	City	Country	State	Zip	Actions
<input checked="" type="radio"/>	Test Producer	98765-NH-1	123 Any Street	Fifth Floor	Litchfield	UNITED STATES	New Hampshire	03052	<a href="#">Edit</a> / <a href="#">Remove</a>

Showing 1 to 1 of 1 entries

[Previous](#) [Next](#)

[Previous](#) [Next](#)

**Exhibit 5-9: ‘Box 2 – Producers/Product Repackaging Site’ Screen – Entry Saved**

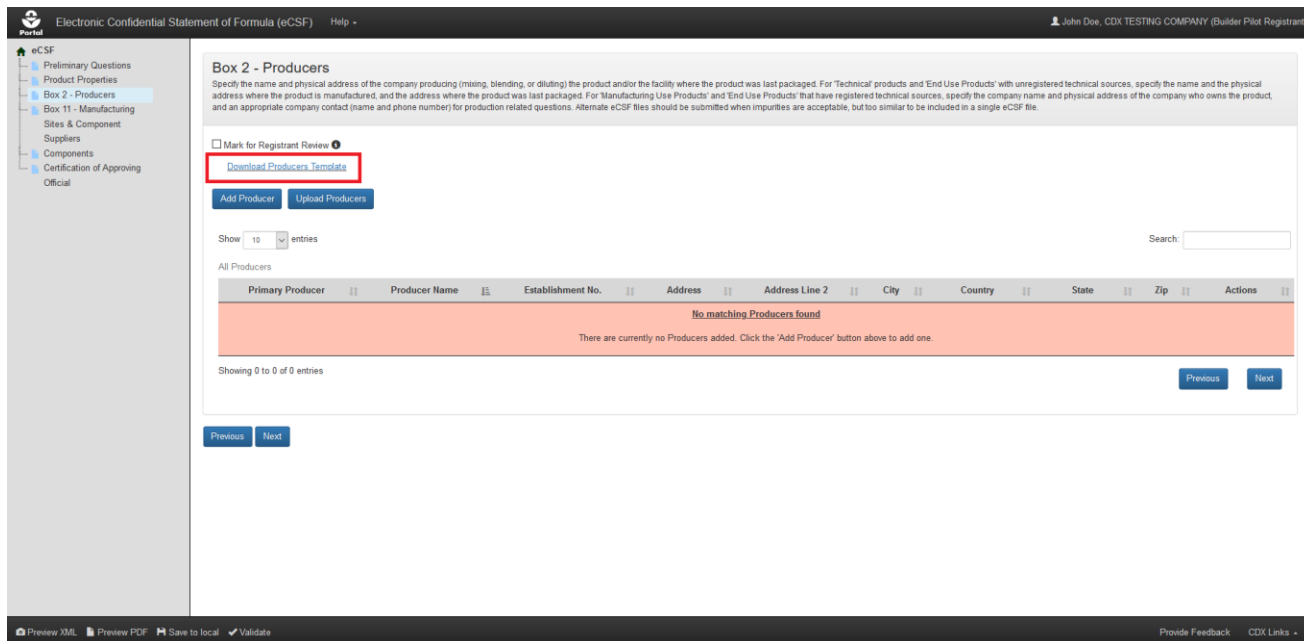
**Navigation:** Select the radio button for the ‘Box 2’ entry to mark it as the primary producer which will display on the main section of ‘EPA Form 8570-4 – Confidential Statement of Formula’ (all other entries display on addendum pages) and select the ‘Next’ button to navigate to the next screen.

## 5.4.2 Bulk Upload a Producer or Repacking Site

The eCSF application allows a user to upload many ‘Box 2’ entries into an eCSF XML file using a Microsoft Excel spreadsheet template file. This allows for easy population of ‘Box 2’ entries when a registrant uses a regular set across products, eCSF XML files, etc. The application applies all applicable validations regardless of whether data is bulk uploaded or manually entered.

**Note:** The template file does occasionally change when application features are added or updated. All efforts to ensure backward compatibility are made, but a user should check that their template file matches the current template file prior to upload.

**Exhibit 5-10** shows a screen capture of how to download the template file from the ‘Box 2 – Producers/Product Repackaging Site’ screen:

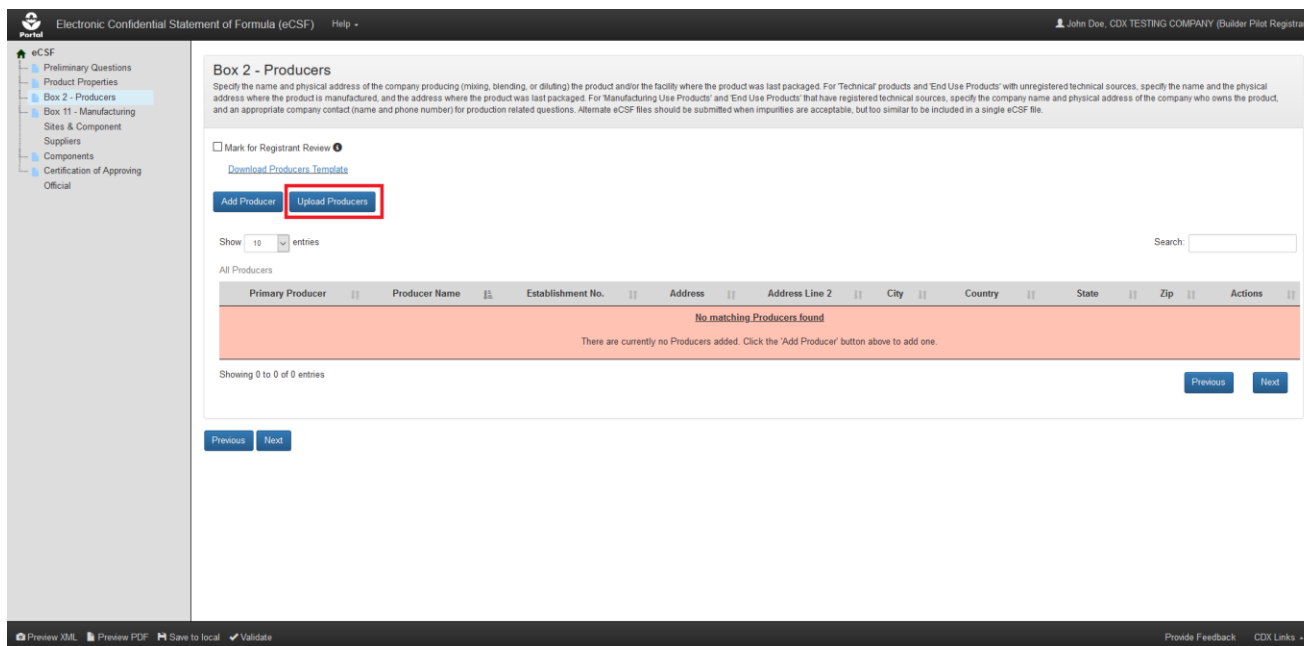


The screenshot shows the 'Box 2 - Producers' screen in the Electronic Confidential Statement of Formula (eCSF) portal. The left sidebar contains a navigation menu with options like 'Preliminary Questions', 'Product Properties', 'Box 2 - Producers', 'Box 11 - Manufacturing', 'Sites & Component', 'Suppliers', 'Components', and 'Certification of Approving Official'. The main content area is titled 'Box 2 - Producers' and includes instructions for specifying the name and physical address of the company producing the product. A red box highlights the 'Download Producers Template' link. Below this, there are buttons for 'Add Producer' and 'Upload Producers'. A table with columns for 'Primary Producer', 'Producer Name', 'Establishment No.', 'Address', 'Address Line 2', 'City', 'Country', 'State', 'Zip', and 'Actions' is shown, with a message indicating 'No matching Producers found'. The bottom of the screen features a footer with links for 'Preview XML', 'Preview PDF', 'Save to local', 'Validate', 'Provide Feedback', and 'CDX Links'.

### Exhibit 5-10: ‘Box 2 – Producers/Product Repackaging Site’ Screen – Template Download

**Navigation:** Select the ‘Download Producers Template’ link to save and work on template on a local machine.

**Exhibit 5-11** shows a screen capture of how to initiate the bulk upload on the ‘Box 2 – Producers/Product Repackaging Site’ screen:

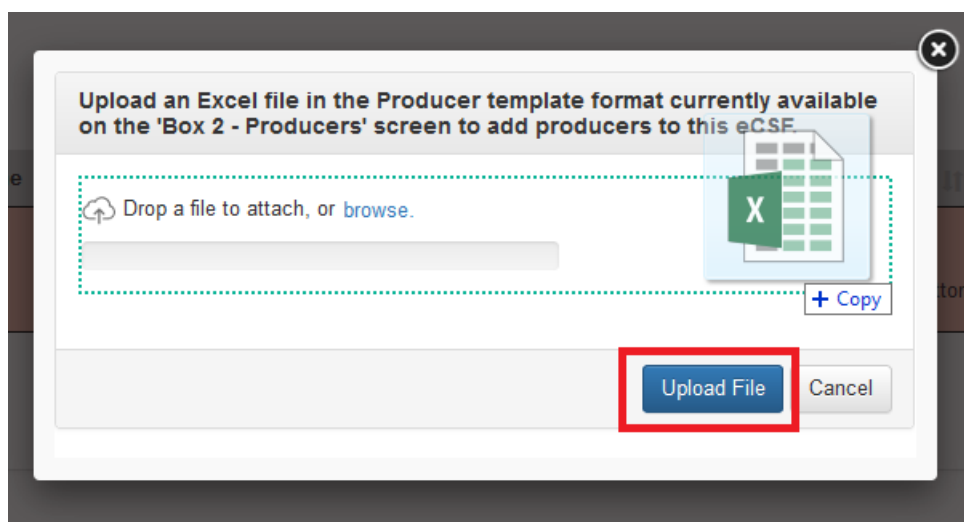


The screenshot shows the 'Box 2 - Producers' screen in the Electronic Confidential Statement of Formula (eCSF) portal. The left sidebar contains a navigation menu with options like 'Preliminary Questions', 'Product Properties', 'Box 2 - Producers', 'Box 11 - Manufacturing', 'Sites & Component', 'Suppliers', 'Components', and 'Certification of Approving Official'. The main content area is titled 'Box 2 - Producers' and includes instructions for specifying the name and physical address of the company producing the product. A red box highlights the 'Upload Producers' button. Below this, there are buttons for 'Add Producer' and 'Download Producers Template'. A table with columns for 'Primary Producer', 'Producer Name', 'Establishment No.', 'Address', 'Address Line 2', 'City', 'Country', 'State', 'Zip', and 'Actions' is shown, with a message indicating 'No matching Producers found'. The bottom of the screen features a footer with links for 'Preview XML', 'Preview PDF', 'Save to local', 'Validate', 'Provide Feedback', and 'CDX Links'.

### Exhibit 5-11: ‘Box 2 – Producers/Product Repackaging Site’ Screen – Initiate Template Upload

**Navigation:** Select the ‘Upload Producers Template’ button to launch the upload pop-up.

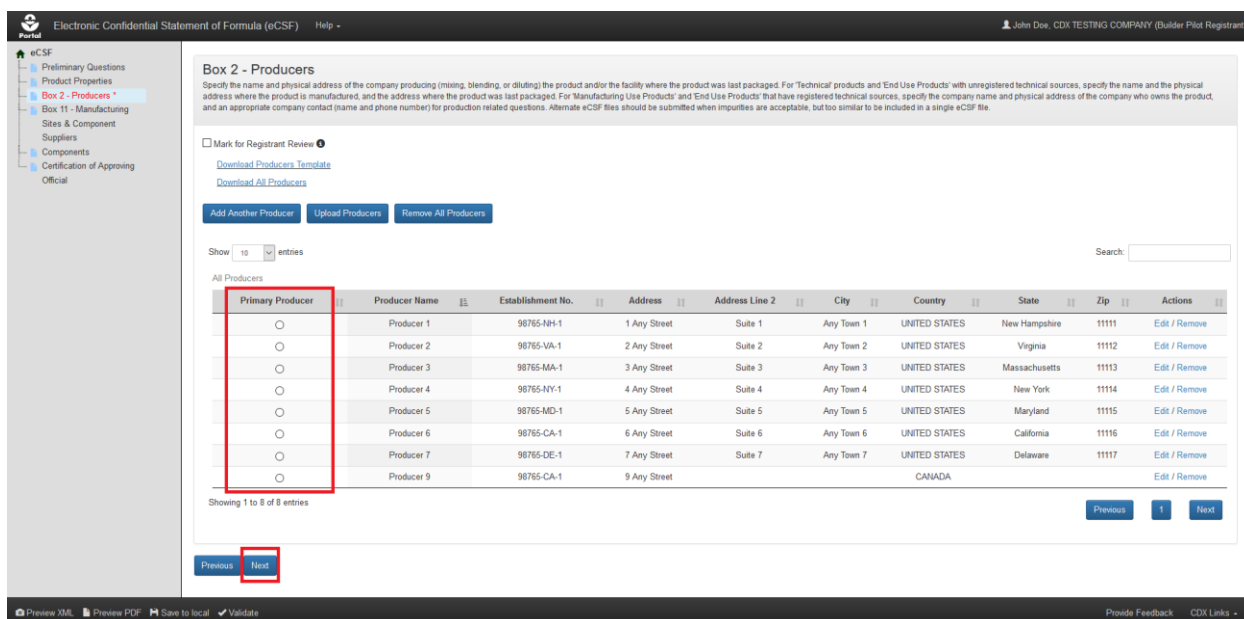
**Exhibit 5-12** shows a screen capture of how to upload a ‘Box 2’ template in the pop-up:



**Exhibit 5-12: ‘Upload Template’ Pop-Up**

**Navigation:** Select the ‘browse’ link to search the local machine for a file or drag and drop the file onto the pop-up to initiate upload. Next, wait for the file name to display (upload processing is incomplete until the file name displays) and then select the ‘Upload File’ button.

**Exhibit 5-13** shows a screen capture the ‘Box 2 – Producers/Product Repackaging Site’ screen following a successful bulk upload:



**Exhibit 5-13: ‘Box 2 – Producers/Product Repackaging Site’ Screen – Upload Complete**

**Navigation:** Select the radio button for the ‘Box 2’ entry that will be marked as the ‘Primary Producer’ and will display on the main section of ‘EPA Form 8570-4 – Confidential Statement of Formula’ (all other entries display on addendum pages) and then select the ‘Next’ button to navigate to the next screen.

### 5.4.3 View Box 2 Entries in Rendered PDF

The eCSF application allows multiple ‘Box 2’ entries in ‘Alternate Formulation’ eCSF XML files. When there are multiple entries for ‘Box 2,’ the entry identified as the primary on the ‘Box 2 – Producers/Product Repackaging Site’ screen will display on the first page of the rendered PDF file and its corresponding country will display in ‘Box 6.’ All other ‘Box 2’ entries display on addendum pages. The primary designation has no significance other than to indicate which entry displays on the first page.

**Exhibit 5-14** shows the PDF rendering of a ‘Box 2’ entry marked as the primary:

Confidential Business Information: Does not contain National Security Information (EO: 12065)		Page 1 of 3	
United States Environmental Protection Agency		A. <input type="checkbox"/> Basic Formulation <input checked="" type="checkbox"/> Alternative Formulation Alt. #	OMB Control No. 2070-0060 XSL Version: 1
Office of Pesticide Programs (7505) - Confidential Statement of Formula			
1. Name and Address of Applicant/Registrant (Include ZIP Code) 05/21/20 Company sdfdsf, IN 34234 UNITED STATES		2. Name and Address of Producer (Include ZIP Code) Producer 1 1 Any Street Suite 1 Any Town 1, New Hampshire 11111 UNITED STATES Establishment No. 98765-NH-1 John Doe 1 1111111111	
3. Product Name End Use Product (EP),		4. Registration No./File Symbol 7. Pounds/Gal or Bulk Density @	5. EPA Product Mgr/Team No. 6. Country Where Formulated UNITED STATES Also see addendum
EPA USE ONLY	10. Components in Formulation (List as actually introduced in the formulation. Give commonly accepted chemical name, trade name, and CAS number.)	11. Supplier Name & Address	12. EPA Reg No./File Symbol 13. Each Component in Formulation a. Amount b. % by Weight (% Nominal) 14. Certified Limits (% by Weight) a. Upper Limit b. Lower Limit 15. Purpose in Formulation NA / NA
16. Typed Name of Approving Official		17. Total Weight 0%	

**Exhibit 5-14: ‘Box 2’ Primary Producer PDF Rendering**

**Exhibit 5-15** shows the PDF rendering of ‘Box 2’ entries onto an addendum page:

Confidential Business Information: Does not contain National Security Information (EO: 12065)		Page 2 of 3	
Attachments to EPA Memorandum Confidential Business Information - 05/21/20 Company			
ATTACHMENT (C)-ALTERNATE LIST To CONFIDENTIAL STATEMENT OF FORMULA (EPA Form 8570-4) PESTICIDE END PRODUCT EPA REGISTRATION NUMBER: Basic Alternate #			
ADDITIONAL PRODUCERS LIST			
Producer Name & Address Producer 2 2 Any Street Suite 2 Any Town 2, Virginia 11112 John Doe 2 11111111112	Country Where Formulated UNITED STATES	Establishment Number 98765-VA-1	
Producer 3 3 Any Street Suite 3 Any Town 3, Massachusetts 11113 John Doe 3 11111111113	UNITED STATES	98765-MA-1	
Producer 4 4 Any Street Suite 4 Any Town 4, New York 11114 John Doe 4 11111111114	UNITED STATES	98765-NY-1	

**Exhibit 5-15: ‘Box 2’ PDF Rendering of Addendum Page**

**Exhibit 5-16** shows the PDF rendering of ‘Box 2’ entries for ‘Technical’ relabeling facilities onto an addendum page:

Confidential Business Information: Does not contain National Security Information (EO. 12065)

Attachments to EPA/Memorandum

Confidential Business Information - 05/21/20 Company

Page 2 of 2

ATTACHMENT (C)-ALTERNATE LIST

To

CONFIDENTIAL STATEMENT OF FORMULA[EPA Form 8570-4]

PESTICIDE END PRODUCT

EPA REGISTRATION NUMBER:

Basic    Alternate #

ADDITIONAL PRODUCERS LIST

Name and Address of Additional Producer(s)	EPA Establishment Number	Date on CSF on which the manufacturing site first appears(ed)	Date of EPA letter approving the CSF (and, therefore, the manufacturing site)	MRID number(s) of supporting data (e.g., representative batch analysis)	Date of EPA review accepting the supporting data
Producer 3 3 Any Street Suite 3 Any Town 3, Massachusetts 11113 UNITED STATES John Doe 3 1111111113	98765-MA-1	03/04/2021	05/11/2021	This is a relabeling only facility, no chemical reaction production or manufacturing	05/11/2021

**Exhibit 5-16: ‘Box 2’ PDF Rendering of Addendum Page for Relabeling Facilities**

## 5.5 ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen

The ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen gathers data about the manufacturing sites and component suppliers for the components included in an eCSF XML file. The application renders these data in ‘Box 11’ on the main form or on addendum pages in specific situations.

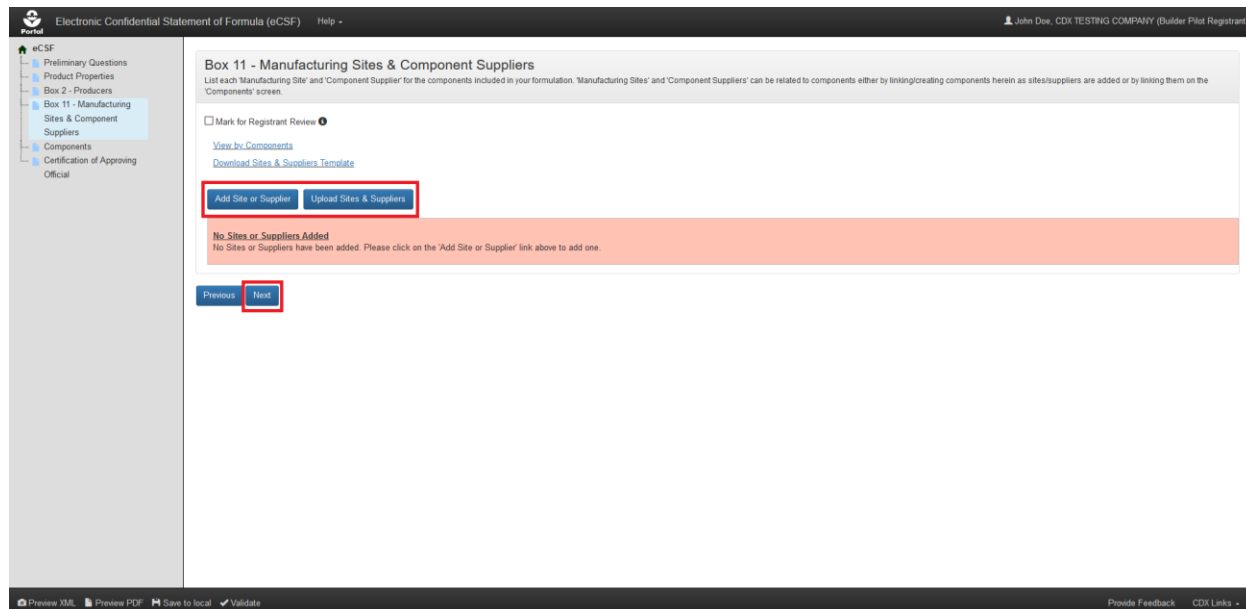
**Note:** This screen does not display when ‘Is this product a 100% Repack?’ is ‘Yes’ and/or ‘What is the product type?’ is ‘Technical’ on the ‘Preliminary Questions’ screen.

The following items display on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:

- **Mark for Registrant Review:** Select this checkbox to bypass on-screen validation. When a screen has been marked for review, the navigation tree displays its title link text in red with an asterisk to indicate the screen does not pass validation and requires future attention. This field is optional.
- **View by Components (link):** Select this link to navigate the application to the ‘Components’ screen.
- **Download Sites & Suppliers Template (link):** Select this link to download the latest version of the ‘Sites & Suppliers’ template to a local machine.
- **Download All Sites & Suppliers (link):** Select this link to download a Microsoft Excel file containing all of the entries in the displayed table.
- **On-screen Validation Errors:** The application performs on-screen validations to ensure that underlying site/supplier data is complete and accurate. Error messages display to the right of the screen’s action buttons and provide reference to specific site or supplier entries that fail validation. When a generic error message displays, access the ‘Add Site/Supplier’ pop-up via the ‘Edit’ link in the ‘Actions’ column to view and resolve the specific error.

- **Add Site or Supplier (button):** Select this button to initiate the manual site or supplier entry process. Refer to **Section 5.5.1** for detailed instructions on how to manually enter a site or supplier.
- **Upload Sites & Suppliers (button):** Select this button to initiate the bulk upload process for sites and suppliers. Refer to **Section 5.5.2** for detailed instructions on how bulk upload sites and suppliers.
- **Delete All Sites & Suppliers (button):** Select this button to remove all sites and suppliers listed on the screen. This will completely remove all sites and suppliers from the eCSF XML file and sever all component relationships.
- **Table Filters:** Select these tabs to update the table view to display all sites and suppliers, only manufacturing sites, or only component suppliers.
- **Pagination:** The pagination feature updates the table view to display 10, 25, 50, or 100 entries and displays the number of pages at the bottom right of the table.
- **Search:** The search function updates the table view to display only those entries for which the entered string is present.
- **Relate Component (table column):** Select the green ‘plus’ icon in this column to expand a table row to relate components to the selected entry. Refer to **Section 5.5.3** for detailed instructions on relating manufacturing sites and component suppliers to components.
- **Type (table column):** Displays either ‘Manufacturing Site’ or ‘Component Supplier’ for the listed entry.
- **Name (table column):** Displays the organization name for the listed entry.
- **Address (table column):** Displays the first address line for the listed entry.
- **City (table column):** Displays the city for the listed entry.
- **State (table column):** Displays the state for the listed entry.
- **Zip (table column):** Displays the ZIP Code for the listed entry.
- **Actions (table column):** Select the ‘Edit’ link to launch the ‘Add Site or Supplier’ pop-up to make changes to the listed entry. Select the ‘Delete’ link to remove the entry from the eCSF XML and sever all associated component relationships.

**Exhibit 5-17** shows a screen capture of the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:



The screenshot displays the 'Box 11 - Manufacturing Sites & Component Suppliers' interface. On the left is a sidebar with a tree view containing links like 'Preliminary Questions', 'Product Properties', 'Box 2 - Producers', 'Box 11 - Manufacturing Sites & Component Suppliers' (which is selected), 'Components', and 'Certification of Approving Official'. The main area has a title 'Box 11 - Manufacturing Sites & Component Suppliers' and a description. Below this are links for 'View by Components' and 'Download Sites & Suppliers Template'. Two buttons, 'Add Site or Supplier' and 'Upload Sites & Suppliers', are highlighted with red boxes. A message states 'No Sites or Suppliers Added' with instructions to click the 'Add Site or Supplier' link. At the bottom, 'Previous' and 'Next' buttons are visible, with 'Next' also highlighted by a red box. The footer contains links for 'Preview XML', 'Preview PDF', 'Save to local', 'Validate', 'Provide Feedback', and 'CDX Links'.

**Exhibit 5-17: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen**

**Navigation:** To add manufacturing sites and component suppliers, select the ‘Add Site or Supplier’ button to make a single entry or select the ‘Upload Producers’ button to upload a file containing multiple entries. Refer to **Section 5.5.1** for information regarding manual entry and **Section 5.5.2** for information regarding bulk upload. Select the ‘Next’ button to navigate away from the screen when all necessary ‘Box 11’ entries are complete.

### 5.5.1 Manually Add a Manufacturing Site or Component Supplier

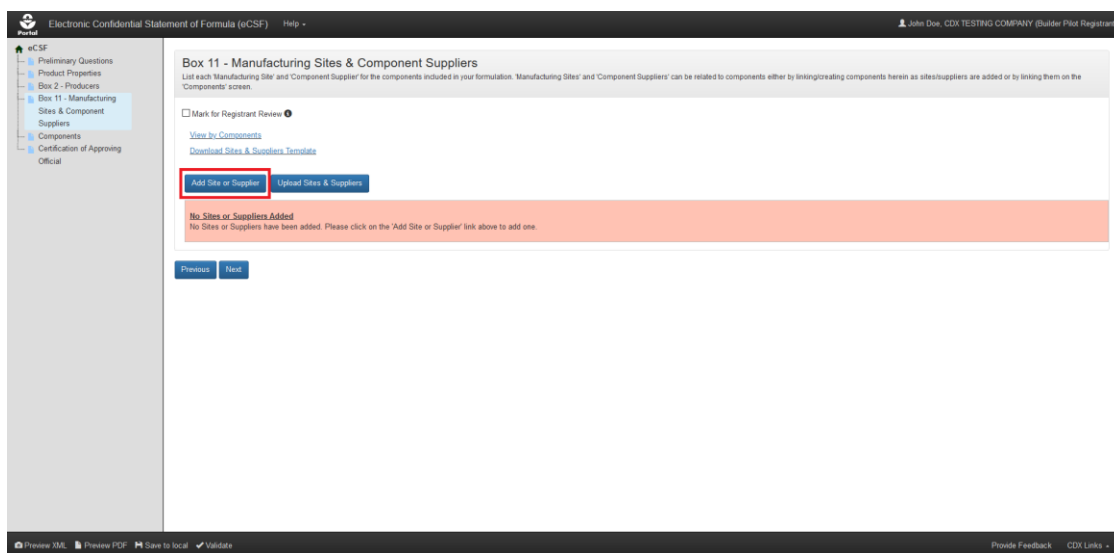
The ‘Add Site or Supplier’ pop-up allows a user to manually enter data to be rendered in ‘Box 11’ of ‘EPA Form 8570-4 – Confidential Statement of Formula’ and is accessed by selecting either the ‘Add Site or Supplier’ button or the ‘Edit’ link on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen.

The following fields display in the ‘Add Site or Supplier’ pop-up:

- **Supplier Type:** Select 'Manufacturing Site' to identify the location at which an unregistered Active Ingredient is produced. Select 'Component Supplier' to identify the supplier of a purchased component, including registered Active Ingredients. This field is required. The following options are available for selection:
  - Manufacturing Site
  - Component Supplier
- **Site/Supplier Name:** Enter a name for the manufacturing site or component supplier. This field is required.
- **Address:** Enter the first address line for the manufacturing site or component supplier. This field displays when ‘Address N/A’ is not selected and is required when displayed.

- **Address Cont.:** Enter the second address line for the manufacturing site or component supplier. This field displays when ‘Address N/A’ is not selected and is optional when displayed.
- **City:** Enter the city for the manufacturing site or component supplier address. This field displays when ‘Address N/A’ is not selected and is required when displayed.
- **State:** Select the state for the manufacturing site or component supplier address. This field displays when ‘Address N/A’ is not selected and ‘Country’ is ‘United States’ and is required when displayed.
- **Non-US Province:** Enter the province for the manufacturing site or component supplier address. This field displays when ‘Address N/A’ is not selected and ‘Country’ is not ‘United States’ and is optional when displayed.
- **Postal or ZIP Code:** Enter the postal or ZIP Code for the manufacturing site or component supplier address. This field displays when ‘Address N/A’ is not selected and is required when ‘Country’ is ‘United States,’ but is optional when ‘Country’ is not ‘United States.’
- **Country:** Select the country for the manufacturing site or component supplier address. This field displays when ‘Address N/A’ is not selected and ‘Country’ is ‘United States’ and is required when displayed.
- **Address is N/A:** Check this box to indicate that an address is not applicable for the manufacturing site or component supplier. This field is optional.
- **Reason Why Address is N/A:** Enter a reason why an address is not applicable for the manufacturing site or component supplier. This field displays when ‘Address N/A’ is selected and is required when displayed.

**Exhibit 5-18** shows a screen capture of how to initiate the manual entry process on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:

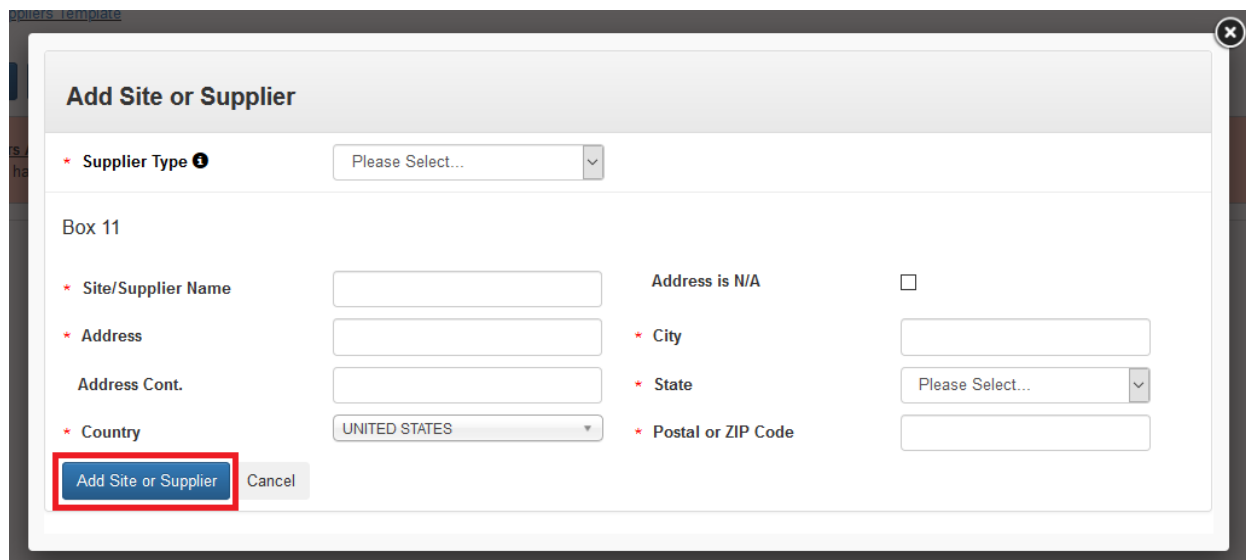


**Exhibit 5-18: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen –Manual Entry**

**Navigation:** Select the ‘Add Site or Supplier’ button to launch the ‘Add Site or Supplier’ pop-up.



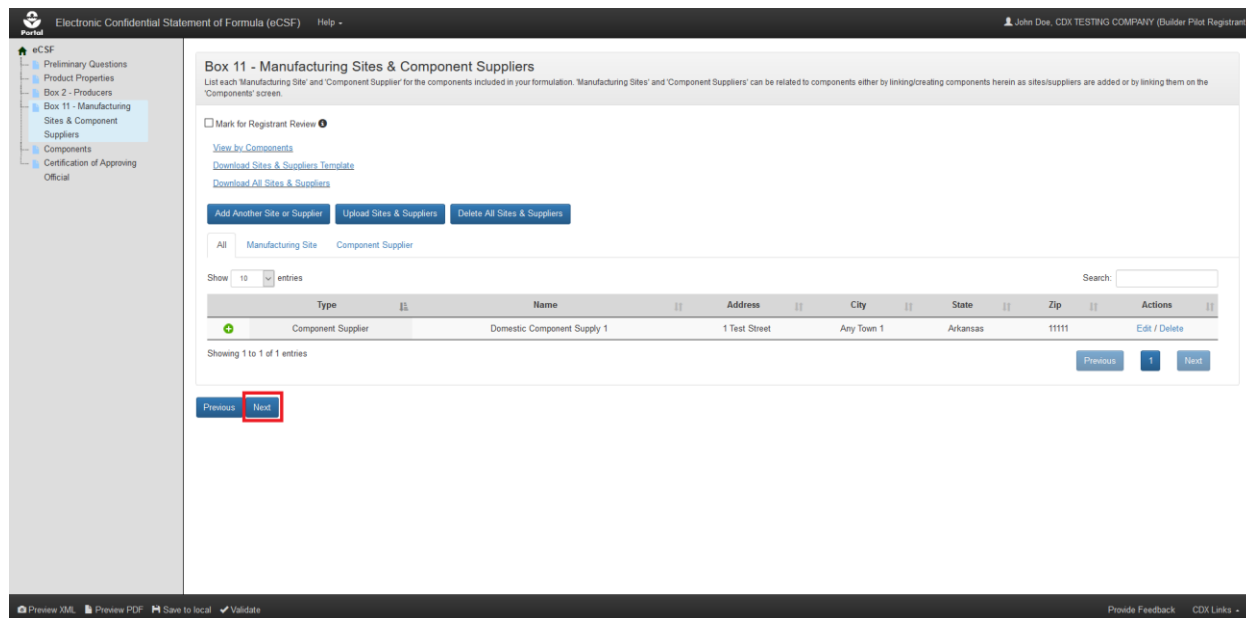
**Exhibit 5-19** shows a screen capture of the ‘Add Site or Supplier’ pop-up:



**Exhibit 5-19: ‘Add Site or Supplier’ Pop-Up**

**Navigation:** Enter data in all required fields and select the ‘Add Site or Supplier’ button.

**Exhibit 5-20** shows a screen capture the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen following a successful manual entry:



**Exhibit 5-20: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Entry Complete**

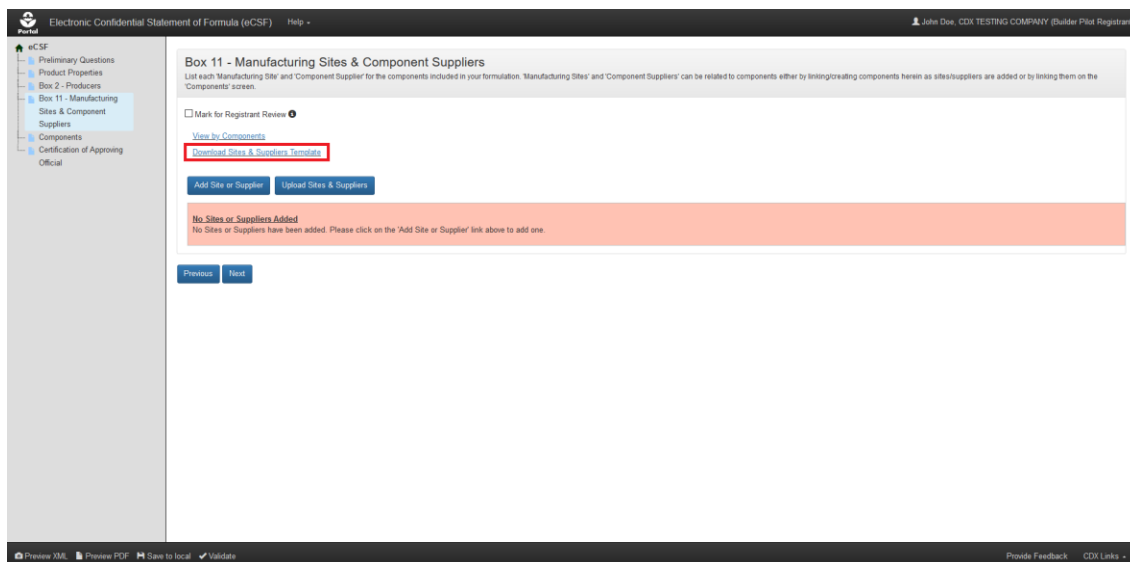
**Navigation:** Select the ‘Next’ button to navigate away from the screen when all necessary ‘Box 11’ entries are complete.

## 5.5.2 Bulk Upload Manufacturing Sites and Component Suppliers

The eCSF application allows a user to upload many ‘Box 11’ entries into an eCSF XML file using a Microsoft Excel spreadsheet template file. This allows for easy population of ‘Box 11’ entries when a registrant uses a regular set across products, eCSF XML files, etc. The application applies all applicable validations regardless of whether data is bulk uploaded or manually entered.

**Note:** The template file does occasionally change when application features are added or updated. All efforts to ensure backward compatibility are made, but a user should check that their template file matches the current template file prior to upload.

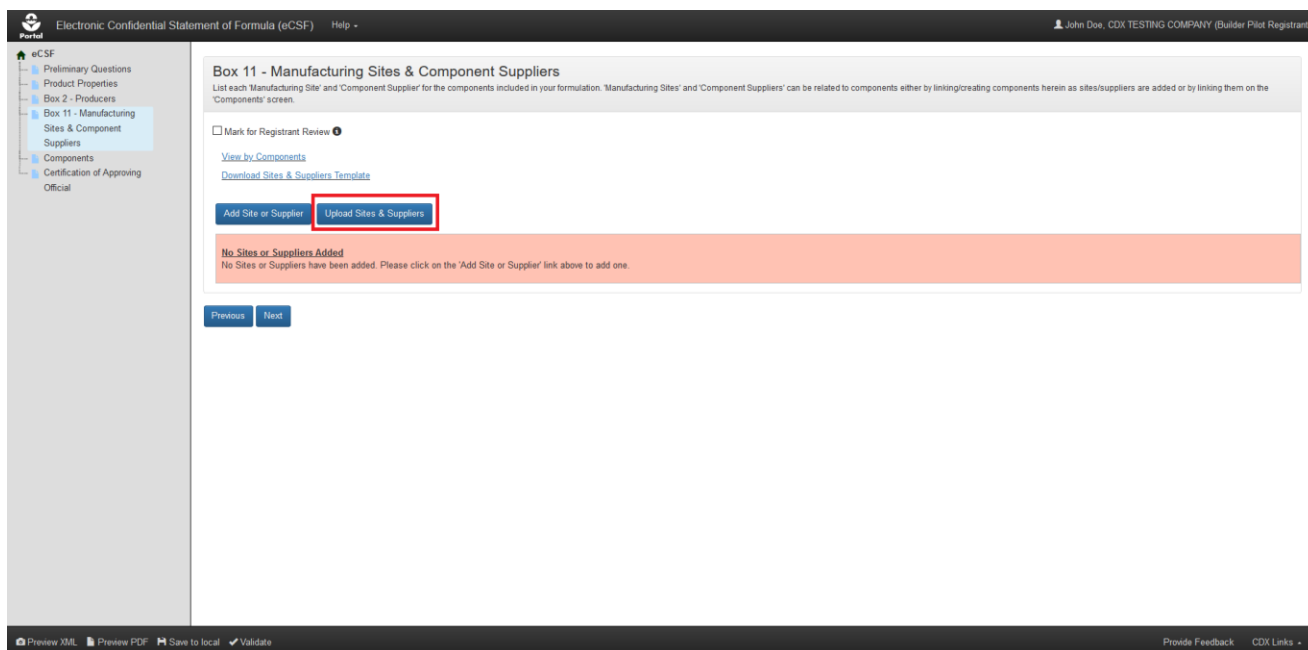
**Exhibit 5-21** shows a screen capture of how to download the bulk upload template file from the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:



**Exhibit 5-21: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Template Download**

**Navigation:** Select the ‘Download Sites & Suppliers Template’ link to save and work on the template on a local machine.

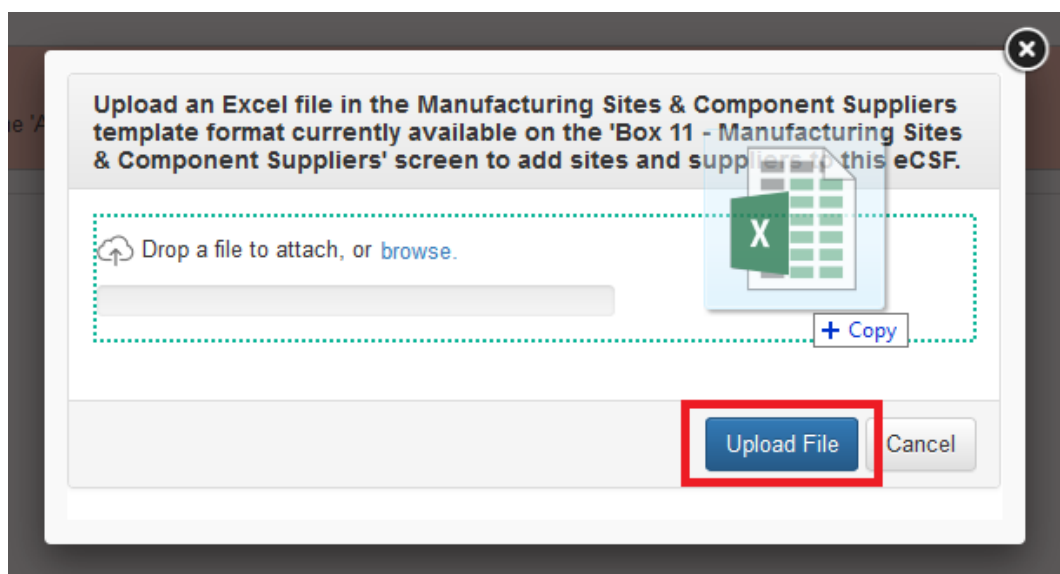
**Exhibit 5-22** shows a screen capture of how to initiate the bulk upload on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:



**Exhibit 5-22: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Initiate Template Upload**

**Navigation:** Select the ‘Upload Sites & Suppliers Template’ button to launch the upload pop-up.

**Exhibit 5-23** shows a screen capture of how to upload a ‘Box 11’ template in the pop-up:



**Exhibit 5-23: ‘Upload Template’ Pop-Up**

**Navigation:** Select the ‘browse’ link to search the local machine for a file or drag and drop the file onto the pop-up to initiate upload. Next, wait for the file name to display (upload processing is incomplete until the file name displays) and then select the ‘Upload File’ button.

**Exhibit 5-24** shows a screen capture the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen following a successful bulk upload:

The screenshot displays the 'Box 11 - Manufacturing Sites & Component Suppliers' screen. The interface includes a sidebar with navigation links, a main content area with a table of entries, and a bottom navigation bar. The table lists various manufacturing sites and component suppliers with columns for Type, Name, Address, City, State, Zip, and Actions. The 'Next' button is highlighted with a red box.

Type	Name	Address	City	State	Zip	Actions
Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111	Edit / Delete
Component Supplier	Domestic Component Supply 2	2 Test Street	Any Town 2	California	11112	Edit / Delete
Component Supplier	Domestic Component Supply 3	3 Test Street	Any Town 3	Colorado	11113	Edit / Delete
Component Supplier	International Component Supply 5	5 Test Street	Any Town 5	BC	4F6 R5T	Edit / Delete
Manufacturing Site	Domestic Manufacturing 1	1 Any Street	Any Town 1	Alabama	11111	Edit / Delete
Manufacturing Site	Domestic Manufacturing 2	2 Any Street	Any Town 2	Alaska	11112	Edit / Delete
Manufacturing Site	Domestic Manufacturing 3	3 Any Street	Any Town 3	Arizona	11113	Edit / Delete

**Exhibit 5-24: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Upload Complete**  
**Navigation:** Select the ‘Next’ button to navigate away from the screen when all necessary ‘Box 11’ entries are complete.

### 5.5.3 Relate a Manufacturing Site or Component Supplier to Components

Generally, components within an eCSF XML file are required to have at least one manufacturing site and/or component supplier relationship. However, registrants should consider the following situations when linking components to manufacturing sites and component suppliers:

- Components in a basic formulation may only relate to a single site or supplier, which the application renders on the main form.
- When multiple component to site and supplier relationships exist in an alternate formulation, the application renders ‘Box 11’ data to addendum pages.
- The application enforces ‘Supplier Type’ to component rules via validations and disabled application functionality (e.g., registered Active components cannot be associated to manufacturing sites).
- Registrants cannot make component to manufacturing site and component supplier relationships using the bulk upload functionality.
- The application does not render orphaned manufacturing sites and component suppliers (i.e., entries that are not associated to any component) onto the form PDF. However, the application does maintain these entries in the eCSF XML file.

### 5.5.3.1 Create Site/Supplier Relationship for Existing Component(s)

Follow the below steps to create a relationship between a manufacturing site or component supplier and a component that already exists in an eCSF XML file.

**Exhibit 5-25** shows a screen capture of how to initiate the process to relate a manufacturing site or component supplier to an existing component on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:

The screenshot displays the 'Box 11 - Manufacturing Sites & Component Suppliers' interface. The left sidebar shows the navigation menu with 'Box 11 - Manufacturing Sites & Component Suppliers' selected. The main content area includes a title, a description, and a table of entries. A red box highlights the green plus icon in the 'Relate Components' column for the first three entries.

Type	Name	Address	City	State	Zip	Actions
Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111	Relate / Edit / Delete
Component Supplier	Domestic Component Supply 2	2 Test Street	Any Town 2	California	11112	Relate / Edit / Delete
Component Supplier	Domestic Component Supply 3	3 Test Street	Any Town 3	Colorado	11113	Relate / Edit / Delete
Component Supplier	International Component Supply 5	5 Test Street	Any Town 5	BC	4F6 RST	Relate / Edit / Delete
Manufacturing Site	Domestic Manufacturing 1	1 Any Street	Any Town 1	Alabama	11111	Relate / Edit / Delete
Manufacturing Site	Domestic Manufacturing 2	2 Any Street	Any Town 2	Alaska	11112	Relate / Edit / Delete
Manufacturing Site	Domestic Manufacturing 3	3 Any Street	Any Town 3	Arizona	11113	Relate / Edit / Delete

**Exhibit 5-25: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Relate Component**  
**Navigation:** Select the green ‘plus’ icon from the ‘Relate Components’ column for the entry that will be related.

**Exhibit 5-26** shows a screen capture of how to view existing components to create a relationship on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:

Electronic Confidential Statement of Formula (eCSF) Help - John Doe, CDX TESTING COMPANY (Builder Pilot Registrant)

**Box 11 - Manufacturing Sites & Component Suppliers**  
List each 'Manufacturing Site' and 'Component Supplier' for the components included in your formulation. 'Manufacturing Sites' and 'Component Suppliers' can be related to components either by linking/creating components herein as sites/suppliers are added or by linking them on the 'Components' screen.

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[View by Components](#)  
[Download Sites & Suppliers Template](#)  
[Download All Sites & Suppliers](#)

[Add Another Site or Supplier](#) [Upload Sites & Suppliers](#) [Delete All Sites & Suppliers](#)

All Manufacturing Site Component Supplier

Show 10 entries

Type	Name	Address	City	State	Zip	Actions
Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111	<a href="#">Edit / Delete</a>

[Add related Components](#) [Remove all related Components](#)

Related Components

There are no related components available. Click the 'Add related Components' button above to add a related component to this site or supplier.

Reason Address is N/A	Establishment No	Components Row No.
Component Supplier	Domestic Component Supply 2	2 Test Street
Component Supplier	Domestic Component Supply 3	3 Test Street
Component Supplier	International Component Supply 5	5 Test Street
Manufacturing Site	Domestic Manufacturing 1	1 Any Street

**Exhibit 5-26: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – View Existing Components**

**Navigation:** Select the ‘Add Related Components’ button to launch the ‘Select Related Components’ pop-up.

**Exhibit 5-27** shows a screen capture of the ‘Select Related Components’ pop-up:

Please Select the related component(s)

Available Components

Show 10 entries

Row#	Type	Common Name	Chemical Name	Amount	%w/w
1	Active	Cyromazine	1,3,5-Triazine-2,4,6-triamine, N-cyclopropyl-	90	90
2	Inert	Ethylendiamine dihydriodide	Ethylendiamine dihydriodide	1	1
3	Inert	Wintergreen oil	Wintergreen oil	1	1

Showing 1 to 3 of 3 entries

[Previous](#) [1](#) [Next](#)

[Create Component](#)

[OK](#) [Cancel](#)

**Exhibit 5-27: ‘Select Related Components’ Pop-Up**

**Navigation:** Select the checkbox(es) for the component(s) that should be related to the listed a manufacturing site or component supplier and then select the ‘OK’ button.

**Exhibit 5-28** shows a screen capture of the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen after component relationships have been successfully added:

The screenshot displays the 'Box 11 - Manufacturing Sites & Component Suppliers' screen in the CDX eCSF system. The interface includes a sidebar with navigation options such as 'Preliminary Questions', 'Product Properties', 'Box 2 - Producers', 'Box 11 - Manufacturing Sites & Component Suppliers', 'Components', and 'Certification of Approving Official'. The main content area features a table of component suppliers and a 'Related Components' section highlighted with a red box.

**Component Suppliers Table:**

Type	Name	Address	City	State	Zip	Actions
Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111	Edit / Delete

**Related Components Section:**

Related Components

Active Inert Impurity Dyes Fragrances Fertilizers

Show 10 entries

Row#	Type	Common Name	Chemical Name	Amount	%w/w (% Nominal)	Actions
1	Active	Cyromazine	1,3,5-Triazine-2,4,6-triamine, N-cyclopropyl-	90	90 (87.3)	Edit / Remove

Showing 1 to 1 of 1 entries

Previous 1 Next

**Main Table:**

Reason Address is N/A	Establishment No	Components Row No.
Component Supplier	Domestic Component Supply 2	2 Test Street
Component Supplier	Domestic Component Supply 3	3 Test Street
Component Supplier	International Component Supply 5	5 Test Street
Manufacturing Site	Domestic Manufacturing 1	1 Any Street
Manufacturing Site	Domestic Manufacturing 2	2 Any Street

**Exhibit 5-28: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Component Relationship(s) Added**

### 5.5.3.2 Create Site/Supplier Relationship for a New Component

It is highly recommended that registrants add components on the ‘Components’ screen to limit validation errors and ensure that component calculations are correct even though it is possible to create a new component on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen. Follow the below steps to create a relationship between a manufacturing site or component supplier and a component that does not exist in the eCSF XML file.

**Exhibit 5-29** shows a screen capture of how to initiate the process to relate a manufacturing site or component supplier to a new component on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:

The screenshot shows the 'Box 11 - Manufacturing Sites & Component Suppliers' screen. The table lists the following entries:

Type	Name	Address	City	State	Zip	Actions
Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111	Relate Components / Edit / Delete
Component Supplier	Domestic Component Supply 2	2 Test Street	Any Town 2	California	11112	Relate Components / Edit / Delete
Component Supplier	Domestic Component Supply 3	3 Test Street	Any Town 3	Colorado	11113	Relate Components / Edit / Delete
Component Supplier	International Component Supply 5	5 Test Street	Any Town 5	BC	4F6 R5T	Relate Components / Edit / Delete
Manufacturing Site	Domestic Manufacturing 1	1 Any Street	Any Town 1	Alabama	11111	Relate Components / Edit / Delete
Manufacturing Site	Domestic Manufacturing 2	2 Any Street	Any Town 2	Alaska	11112	Relate Components / Edit / Delete
Manufacturing Site	Domestic Manufacturing 3	3 Any Street	Any Town 3	Arizona	11113	Relate Components / Edit / Delete

**Exhibit 5-29: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Relate Component**  
**Navigation:** Select the green ‘plus’ icon from the ‘Relate Components’ column for the entry that will be related.



**Exhibit 5-30** shows a screen capture of how to view existing components and enter a new component on the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen:

**Box 11 - Manufacturing Sites & Component Suppliers**

List each Manufacturing Site and Component Supplier for the components included in your formulation. Manufacturing Sites and Component Suppliers can be related to components either by linking existing components herein as sites/suppliers are added or by linking them on the Components screen.

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[View by Components](#)  
[Download Sites & Suppliers Template](#)  
[Download All Sites & Suppliers](#)

[Add Another Site or Supplier](#) [Upload Sites & Suppliers](#) [Delete All Sites & Suppliers](#)

All Manufacturing Site Component Supplier

Show 10 entries

Type	Name	Address	City	State	Zip	Actions
Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111	<a href="#">Edit / Delete</a>

[Add related Components](#) [Remove all related Components](#)

Related Components

There are no related components available. Click the 'Add related Components' button above to add a related component to this site or supplier.

Reason Address is N/A	Establishment No	Components Row No.
Component Supplier	Domestic Component Supply 2	2 Test Street
Component Supplier	Domestic Component Supply 3	3 Test Street
Component Supplier	International Component Supply 5	5 Test Street
Manufacturing Site	Domestic Manufacturing 1	1 Any Street

**Exhibit 5-30: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – View Existing Components and Add New Component**

**Navigation:** Select the ‘Add Related Components’ button to launch the ‘Select Related Components’ pop-up.

**Exhibit 5-31** shows a screen capture of the ‘Select Related Components’ pop-up:

**Please Select the related component(s)**

Available Components

Show 10 entries

Row#	Type	Common Name	Chemical Name	Amount	%w/w
1	Active	Cyromazine	1,3,5-Triazine-2,4,6-triamine, N-cyclopropyl-	90	90

Showing 1 to 1 of 1 entries

[Previous](#) [1](#) [Next](#)

Components may only have one site/supplier for Basic Formulations.

[Create Component](#)

[OK](#) [Cancel](#)

**Exhibit 5-31: ‘Select Related Components’ Pop-Up**

**Navigation:** Select the ‘Create Component’ link to launch the ‘Add Component’ pop-up. Please refer to **Section 5.6.1** for detailed instructions on how to complete the ‘Add Components’ pop-up.

**Exhibit 5-32** shows a screen capture of the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen after component relationships have been successfully added:

The screenshot shows the 'Box 11 – Manufacturing Sites & Component Suppliers' screen. The left sidebar contains a navigation tree with the following items: Preliminary Questions, Product Properties, Box 2 - Products, Box 11 - Manufacturing Sites & Component Suppliers (selected), Components, and Certification of Approving Official. The main content area has a header with 'Electronic Confidential Statement of Formula (eCSF)' and a user profile 'John Doe, CDX TESTING COMPANY (Builder Pilot Registrant)'. Below the header, there are buttons for 'Download All Sites & Suppliers', 'Add Another Site or Supplier', 'Upload Sites & Suppliers', and 'Delete All Sites & Suppliers'. A filter bar shows 'All', 'Manufacturing Site', and 'Component Supplier'. A table lists component suppliers with columns: Type, Name, Address, City, State, Zip, and Actions. One entry is shown: 'Component Supplier', 'Domestic Component Supply 1', '1 Test Street', 'Any Town 1', 'Arkansas', '11111'. Below this table, there are buttons for 'Add more related Components' and 'Remove all related Components'. A 'Related Components' section is highlighted with a red box. It contains a filter bar with 'All', 'Active', 'Inert', 'Impurity', 'Dyes', 'Fragrances', and 'Fertilizers'. A table lists related components with columns: Row#, Type, Common Name, Chemical Name, Amount, %w/w (% Nominal), and Actions. One entry is shown: '1', 'Active', 'Cymazine', '1,3,5-Triazine-2,4,6-triamine, N-cyclopropyl-', '90', '90 (87.3)'. Below this, there are buttons for 'Previous', '1', and 'Next'. At the bottom, there is a table with columns: Reason Address is N/A, Establishment No, and Components Row No. It lists five entries: 'Component Supplier', 'Domestic Component Supply 2', '2 Test Street', 'Any Town 2', 'California', '11112'; 'Component Supplier', 'Domestic Component Supply 3', '3 Test Street', 'Any Town 3', 'Colorado', '11113'; 'Component Supplier', 'International Component Supply 5', '5 Test Street', 'Any Town 5', 'BC', '4F6 R5T'; 'Manufacturing Site', 'Domestic Manufacturing 1', '1 Any Street', 'Any Town 1', 'Alabama', '11111'; and 'Manufacturing Site', 'Domestic Manufacturing 2', '2 Any Street', 'Any Town 2', 'Alaska', '11112'. The bottom of the screen has a footer with 'Preview XML', 'Preview PDF', 'Save to local', 'Validate', 'Provide Feedback', and 'CDX Links'.

**Exhibit 5-32: ‘Box 11 – Manufacturing Sites & Component Suppliers’ Screen – Component Relationship Added**

## 5.6 ‘Components’ Screen

The ‘Components’ screen captures data about the components that make up a product formulation. List each component as introduced into the formulation. For each identifiable ingredient present in a formulation, provide the Chemical Name, Trade Name(s), Registration Number, and Chemical Abstracts Registry Number (CASRN), as applicable.

**Note:** This screen does not display when ‘Is this product a 100% Repack?’ is ‘Yes’ on the ‘Preliminary Questions’ screen.

The following items display on the ‘Components’ screen:

- **Mark for Registrant Review:** Select this checkbox to bypass on-screen validation. When a screen has been marked for review, the navigation tree displays its title link text in red with an asterisk to indicate the screen does not pass validation and requires future attention. This field is optional.
- **View by Sites & Suppliers (link):** Select this link to navigate the application to the ‘Box 11 – Manufacturing Sites & Component Suppliers’ screen.
- **Download Components Template (link):** Select this link to download the latest version of the ‘Components’ template to a local machine.
- **Download All Components (link):** Select this link to download a Microsoft Excel file containing all of the entries in the displayed table.
- **On-screen Validation Errors:** The application performs on-screen validations to ensure that both the totality of a formulation is accurate and that underlying component data is complete

and accurate. Error messages display to the right of the screen's action buttons and provide reference to specific component entries that fail validation. When a generic error message displays, access the 'Add Component' pop-up via the 'Edit' link in the 'Actions' column to view and resolve the specific error.

- **Add Component (button):** Select this button to initiate the manual component entry process. Refer to **Section 5.6.1** for detailed instructions on how to manually enter a component.
- **Upload Components (button):** Select this button to initiate the bulk upload process for components. Refer to **Section 5.6.2** for detailed instructions on how bulk upload components.
- **Delete All Components (button):** Select this button to remove all components listed on the screen. This will completely remove all components from an eCSF XML file and sever all site and supplier relationships.
- **Table Filters:** Select these tabs to update the table view to display all components or only a specific component type.
- **Pagination:** The pagination feature updates the table view to display 10, 25, 50, or 100 entries and displays the number of pages at the bottom right of the table.
- **Search:** The search function updates the table view to display only those entries for which the entered string is present.
- **Relate Site/Supplier (table column):** Select the green 'plus' icon in this column to expand a table row to relate sites and suppliers to the selected component entry. Refer to **Section 5.6.3** for detailed instructions on relating components to manufacturing sites and component suppliers.
- **Type (table column):** Displays the component type for the listed entry.
- **Common Name (table column):** Displays the common name for the listed entry.
- **Chemical Name (table column):** Displays the chemical name for the listed entry.
- **Amount (table column):** Displays the entered amount for the listed entry.
- **%w/w (Nominal) (table column):** Displays the entered percent weight of total weight, as well as the calculated nominal value for the listed entry.
- **Actions (table column):** Select the 'Edit' link to launch the 'Add Component' pop-up to make changes to the listed entry. Select the 'Delete' link to remove the entry from the eCSF XML and sever all associated site and supplier relationships.
- **Total Weight – Box 17:** Displays a running total of all values entered in the 'Amount' column for each component entry.
- **Total %w/w:** Displays a running total of all values entered in the '%w/w (Nominal)' column for each component entry. This must equal 100% for 'End Use Products (EP)' and 'Manufacturing Use Product'. For 'Technical' products, this value must be between 98.5%–101.5%. The application does not apply a validation if the product is a 'Plant Incorporated Protectant (PIP)' product.

Exhibit 5-33 shows a screen capture of the ‘Components’ screen:

The screenshot displays the 'Components' screen within the 'Electronic Confidential Statement of Formula (eCSF)' application. The top navigation bar includes the 'Portal' logo, the application name, a 'Help' link, and the user profile 'John Doe, CDX TESTING COMPANY (Builder Pilot Registrant)'. The left sidebar lists navigation options: 'Preliminary Questions', 'Product Properties', 'Box 2 - Producers', 'Box 11 - Manufacturing Sites & Component Suppliers', 'Components' (highlighted), and 'Certification of Approving Official'. The main content area is titled 'Components' and contains instructions: 'List each component as introduced into the formulation. For each identifiable ingredient present in your formulation, provide the Chemical Name, Trade Name(s), Registration Numbers, and Chemical Abstracts Registry Number (CASRN), as applicable. If a component is obtained from multiple sources, indicate the 'Primary Site/Supplier' that will display on the rendered Form 8570-4 and then link each alternate source (Component Supplier) that will display on the Form 8570-4 Addendum pages.' Below the instructions are links for 'Mark for Registrant Review', 'View by Sites & Suppliers', and 'Download Components Template'. Two buttons, 'Add Component' and 'Upload Components', are highlighted with red boxes. A message states 'No components Added' and provides instructions on how to add components. At the bottom, 'Previous' and 'Next' buttons are visible, with the 'Next' button highlighted by a red box. The footer contains links for 'Preview XML', 'Preview PDF', 'Save to local', 'Validate', 'Provide Feedback', and 'CDX Links'.

**Exhibit 5-33: ‘Components’ Screen**

**Navigation:** To add components, select the ‘Add Component’ button to make a single entry or select the ‘Upload Components’ button to upload a file containing multiple entries. Refer to **Section 5.6.1** for information regarding manual entry and **Section 5.6.2** for information regarding bulk upload. Select the ‘Next’ button to navigate away from the screen when all necessary entries are complete.

### 5.6.1 Manually Add a Component

The ‘Add Component’ pop-up allows a user to manually enter component data onto ‘EPA Form 8570-4 – Confidential Statement of Formula’ and is accessed by selecting either the ‘Add Component’ button or ‘Edit’ link on the ‘Components’ screen.

The following sub-sections detail the ‘Add Component’ pop-up for each component type available within the eCSF application.

#### 5.6.1.1 Active Components

The following fields display in the ‘Add Component’ pop-up for an ‘Active’ component:

- **Component Type:** Select the component type to update the pop-up to display only those fields necessary for the selected component type. This field is required.
- **Is this a registered active ingredient?:** Indicate whether the ‘Active’ component is a registered ingredient. This field is required.
- **Registration Number – Box 12:** Enter the ‘EPA Registration Number’ for the ‘Active’ component. If the product is pending registration, enter the registration number if known. If EPA has not assigned a registration number, enter the submission number or ‘Pending’. If the

component is an unregistered formulation preservative or grandfathered technical, a registration number is not required. After a user enters a number and navigates away from the field, the application performs a search of current registered product data to validate the number's validity and automatically populate certain fields within the pop-up. This field is required when 'Is this a registered active ingredient?' is 'Yes.'

- **Chemical Name – Box 10:** Enter the component's chemical name. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required.
- **CASRN – Box 10:** Enter the component's Chemical Abstracts Service Registry Number (CASRN). The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required for registered active ingredients and optional for unregistered active ingredients.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component's proposed or accepted ISO common name. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required for registered active ingredients and optional for unregistered active ingredients.
- **IUPAC Name – Box 10:** Enter the component's International Union of Pure and Applied Chemistry (IUPAC) name. This field is optional.
- **PC Code – Box 10:** Enter the component's PC Code. The application will automatically populate this field with registered product data when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is optional.
- **Override Chemical Name:** Select this checkbox to enable the 'Chemical Name – Box 10,' 'CASRN – Box 10,' and 'Common Name (ISO Proposed or Accepted) – Box 10' fields for manual data entry when data has been automatically populated into fixed fields based on 'EPA Registration Number' or chemical identity searches. This field is optional.
- **Reason for Chemical Name Override:** Indicate a reason why changes to the automatically populated chemical identity fields are necessary. This field only displays when 'Override Chemical Name' is selected and is required when displayed.
- **Trade Name – Box 10:** Enter up to ten (10) brand names for the component. Select the '+ Add Trade Name' button once the name is complete to save a 'Trade Name' to the 'Add Component' pop-up. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is optional.
- **Site/Supplier (for a Trade Name):** The application pairs each saved 'Trade Name' to a 'Site/Supplier' drop-down menu that lists all the manufacturing sites and/or component suppliers related to the component. The first saved 'Trade Name' will automatically inherit a

relationship with the component's 'Primary Site/Supplier' to ensure the name renders on 'EPA Form 8570-4.' Subsequent 'Trade Names' may be associated to manufacturing sites and/or component suppliers other than the 'Primary Site/Supplier' and render onto addendum pages to 'EPA Form 8570-4.' Refer to **Section 5.6.3.1** and **Section 5.6.3.3** for information about how to set a 'Primary Site/Supplier' and how to view addendum pages, respectively.

- **Consisting of (table for blended 'Active Components'):** When a user enters the EPA registration number for a blended 'Active' component, the 'Consisting of' table displays and populates with the chemical information for the component's underlying chemicals. These values are directly tied to current registration data and cannot be changed.
- **% Purity – Box 10:** Enter the purity for the component. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required.
- **Amount – Box 13a:** Enter the amount of the component included in the formulation. This field is used in the calculations performed on the 'Components' screen. This field is required.
- **% Weight / Total Weight – Box 13b:** Enter the percent of the total composition the component comprises. The application sums this value with other components' values to perform a validation on the 'Components' screen. This field is required.
- **% Nominal – Box 13b:** Enter the percent nominal value as captured on the product label. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional within the pop-up, but required to pass many on-screen validations.
- **% Upper Certified Limit – Box 14a:** Enter the 40 CFR 158.350 percent upper certified limit. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional.
- **% Upper Certified Limit – Box 14a (Nominal):** Enter the 40 CFR 158.350 percent upper certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the '% Purity – Box 10,' '% Weight / Total Weight – Box 13b,' and '% Nominal – Box 13b' fields. This field is optional.
- **% Lower Certified Limit – Box 14b:** Enter the 40 CFR 158.350 percent lower certified limit. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional.
- **% Lower Certified Limit – Box 14b (Nominal):** Enter the 40 CFR 158.350 percent lower certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the '% Purity – Box 10,' '% Weight / Total Weight – Box 13b,' and '% Nominal – Box 13b' fields. This field is optional.
- **Request Wider Certified Limits:** Select this checkbox to make manual changes to the calculated values in the '% Nominal – Box 13b,' '% Upper Certified Limit – Box 14a,' '% Upper Certified Limit – Box 14a (Nominal),' '% Lower Certified Limit – Box 14b,' or '% Lower Certified Limit – Box 14b (Nominal)' fields. This field is optional.



- **Justification for Wider Certified Limits:** Indicate a reason why wider and/or changes certified limits are necessary. This field only displays when 'Request Wider Certified Limits' is selected and is required when displayed.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as 'Active Ingredient' for 'Active' components. This field is required.
- **Is this component a Nanomaterial?:** Indicate whether the component is a nanomaterial. This field is required.
- **Culture Collection Deposit – Box 10:** Enter the culture collection in which a 'Microbial Pest Control Agent' is deposited and the 'Deposit Number.' This field only displays when 'Is product microbial?' is 'Yes' on the 'Preliminary Questions' screen and is optional when displayed.
- **Potency – Box 10:** Enter the numerical value of the guarantee, expressed in terms of potency. This field only displays when 'Is product microbial?' is 'Yes' on the 'Preliminary Questions' screen and is optional when displayed.
- **Viability – Box 10:** Enter the numerical value of the guarantee, expressed in terms of viability. This field only displays when 'Is product microbial?' is 'Yes' on the 'Preliminary Questions' screen and is optional when displayed.
- **% Upper Certified Limit – Expressed:** Enter the percent upper certified limit expressed for the product. This field only displays when 'Formulation Type Code' is 'Liquid' and 'Does this product contain substrate/towelette/wipe?' is 'Yes' on the 'Product Properties' screen and is required when displayed.
- **% Lower Certified Limit – Expressed:** Enter the percent lower certified limit expressed for the product. This field only displays when 'Formulation Type Code' is 'Liquid' and 'Does this product contain substrate/towelette/wipe?' is 'Yes' on the 'Product Properties' screen and is required when displayed.
- **% Nominal – Expressed:** Enter the percent nominal expressed for the product. This field only displays when 'Formulation Type Code' is 'Liquid' and 'Does this product contain substrate/towelette/wipe?' is 'Yes' on the 'Product Properties' screen and is required when displayed.
- **Other Information:** Enter additional information related to the component that is not captured in other fields. This field is optional.

**Exhibit 5-34** shows a screen capture of the ‘Add Component’ pop-up for a registered ‘Active’ component:

**Add Component**

Component Type: Active

\* Is this a registered active ingredient?: Yes

\* Chemical Name - Box 10: Cyclopropanecarboxylic acid, 3-(2,2-d)

CASRN - Box 10: 52645-53-1

IUPAC Name - Box 10:

Common Name (ISO Proposed or Accepted) - Box 10: Permethrin

Trade Name - Box 10: Add a Trade Name

Trade Name 1: ACTIVEGUARD FABRIC

Certified Limits

\* % Purity - Box 10: 1.64

\* % Weight / Total Weight - Box 13b:

% Upper Certified Limit - Box 14a:

% Lower Certified Limit - Box 14b:

Request Wider Certified Limits:

\* Purpose in Formulation - Box 15: Active ingredient x

\* Is this component a Nanomaterial?: Please Select...

Other information:

Save Component Cancel

**Exhibit 5-34: ‘Add Component’ Pop-Up – Registered Active**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.



**Exhibit 5-35** shows a screen capture of the ‘Add Component’ pop-up for an unregistered ‘Active’ component:

**Add Component**

Component Type: Active

\* Is this a registered active ingredient?: No

[+] Show SRS Search

\* Chemical Name - Box 10:  Override Chemical Name: ☐

CASRN - Box 10:  PC Code - Box 10:

IUPAC Name - Box 10:  Reg. No. - Box 12:

Common Name (ISO Proposed or Accepted) - Box 10:

Trade Name - Box 10:  + Add Trade Name(s)

**Certified Limits**

\* % Purity - Box 10:  \* Amount - Box 13a:

\* % Weight / Total Weight - Box 13b:  % Nominal - Box 13b:

% Upper Certified Limit - Box 14a:  % Upper Certified Limit - Box 14a (Nominal):

% Lower Certified Limit - Box 14b:  % Lower Certified Limit - Box 14b (Nominal):

Request Wider Certified Limits: ☐

Purpose in Formulation - Box 15: Active ingredient  \* Is this component a Nanomaterial?: Please Select...

Other Information:

**Add Component** Cancel

**Exhibit 5-35: ‘Add Component’ Pop-Up – Un-registered Active**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

**Exhibit 5-36** shows a screen capture of the ‘Add Component’ pop-up for a registered, blended ‘Active’ component:

The screenshot shows a web-based form for adding a component. At the top, there are dropdown menus for 'Component Type' (set to 'Active') and 'Is this a registered active ingredient?' (set to 'Yes'). A 'Registration Number - Box 12' field contains '279-9645'. Below this is a 'Trade Name - Box 10' field with 'Herbicide MUP'. A section titled 'Consisting of:' shows a table of ingredients. The table has four columns: 'Active Ingredient Name', '% Weight / Total Weight - Box 13b', '% Upper Certified Limit - Box 14a', and '% Lower Certified Limit - Box 14b'. It lists 'Sulfentrazone' and 'Quindorac'. Below the table are 'Previous', '1', and 'Next' buttons. The 'Certified Limits' section contains several input fields for purity, weight, and certified limits, along with a checkbox for 'Request Wider Certified Limits'. The 'Purpose in Formulation - Box 15' field is set to 'Active Ingredient'. The 'Is this component a Nanomaterial?' field is set to 'Please Select...'. At the bottom, there is an 'Other Information' text area and two buttons: 'Add Component' (highlighted with a red box) and 'Cancel'.

Active Ingredient Name	% Weight / Total Weight - Box 13b	% Upper Certified Limit - Box 14a	% Lower Certified Limit - Box 14b
Sulfentrazone	1.6	1.68	1.52
Quindorac	5	5.25	4.75

**Exhibit 5-36: ‘Add Component’ Pop-Up – Blended Active**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

### 5.6.1.2 Alternate Active Components

To add an alternate source for a registered active component select 'Alternate Active' from the 'Component Type' drop down and enter the registration number for the alternate source of the active ingredient. Note that all chemical identity and purity data must match between a parent active ingredient and alternate source for an active ingredient.

The following fields display in the 'Add Component' pop-up for an 'Alternate Active' component:

- **Component Type:** Select the component type to update the modal to display only those fields necessary for the selected component type. This field is required.
- **Add Alternate Source for:** Select the parent active ingredient for which this component is an alternate source. This field is required.
- **Registration Number – Box 12:** Enter the 'EPA Registration Number' for the 'Alternate Active' component. After a user enters a number and navigates away from the field, the application performs a search of current registered product data to validate the number's validity and automatically populate certain fields within the pop-up. This field is required.
- **Chemical Name – Box 10:** Enter the component's chemical name. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required and must match its parent active ingredient value.
- **CASRN – Box 10:** Enter the component's Chemical Abstracts Service Registry Number (CASRN). The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required and must match its parent active ingredient value.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component's proposed or accepted ISO common name. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required and must match its parent active ingredient value.
- **IUPAC Name – Box 10:** Enter the component's IUPAC name. This field is optional.
- **PC Code – Box 10:** Enter the component's PC Code. The application will automatically populate this field with registered product data when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is optional.
- **Reason for Chemical Name Override:** Indicate a reason why changes to the automatically populated chemical identity fields are necessary. This field only displays when 'Override Chemical Name' is selected and is required when displayed.
- **Trade Name – Box 10:** Enter up to ten (10) brand names for the component. To save a 'Trade Name' to the 'Add Component' pop-up, select the '+ Add Trade Name' button once

the name is complete. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is optional.

- **% Purity – Box 10:** Enter the purity for the component. The application will automatically populate this field with registered product data into a fixed field when a user indicates the component is a registered active ingredient and enters a valid number in the 'Registration Number – Box 12' field. This field is required and must match its parent active ingredient value.
- **Amount – Box 13a:** Enter the amount of the component included in the formulation. This field is used in the calculations performed on the 'Components' screen. This field is required.
- **% Weight / Total Weight – Box 13b:** Enter the percent of the total composition the component comprises. The application sums this value with other components' values to perform a validation on the 'Components' screen. This field is required.
- **% Nominal – Box 13b:** Enter the percent nominal value as captured on the product label. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional within the pop-up, but required to pass many on-screen validations.
- **% Upper Certified Limit – Box 14a:** Enter the 40 CFR 158.350 percent upper certified limit. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional.
- **% Upper Certified Limit – Box 14a (Nominal):** Enter the 40 CFR 158.350 percent upper certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the '% Purity – Box 10,' '% Weight / Total Weight – Box 13b,' and '% Nominal – Box 13b' fields. This field is optional.
- **% Lower Certified Limit – Box 14b:** Enter the 40 CFR 158.350 percent lower certified limit. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional.
- **% Lower Certified Limit – Box 14b (Nominal):** Enter the 40 CFR 158.350 percent lower certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the '% Purity – Box 10,' '% Weight / Total Weight – Box 13b,' and '% Nominal – Box 13b' fields. This field is optional.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as 'Active Ingredient' for 'Active' components. This field is required.
- **Is this component a Nanomaterial?:** Indicate whether the component is a nanomaterial. This field is required.
- **Culture Collection Deposit – Box 10:** Enter the culture collection in which a 'Microbial Pest Control Agent' is deposited and the 'Deposit Number.' This field only displays when 'Is product microbial?' is 'Yes' on the 'Preliminary Questions' screen and is optional when displayed.

- **Potency – Box 10:** Enter the numerical value of the guarantee, expressed in terms of potency. This field only displays when 'Is product microbial?' is 'Yes' on the 'Preliminary Questions' screen and is optional when displayed.
- **Viability – Box 10:** Enter the numerical value of the guarantee, expressed in terms of viability. This field only displays when 'Is product microbial?' is 'Yes' on the 'Preliminary Questions' screen and is optional when displayed.
- **% Upper Certified Limit – Expressed:** Enter the percent upper certified limit expressed for the product. This field only displays when 'Formulation Type Code' is 'Liquid' and 'Does this product contain substrate/towelette/wipe?' is 'Yes' on the 'Product Properties' screen and is required when displayed.
- **% Lower Certified Limit – Expressed:** Enter the percent lower certified limit expressed for the product. This field only displays when 'Formulation Type Code' is 'Liquid' and 'Does this product contain substrate/towelette/wipe?' is 'Yes' on the 'Product Properties' screen and is required when displayed.
- **% Nominal – Expressed:** Enter the percent nominal expressed for the product. This field only displays when 'Formulation Type Code' is 'Liquid' and 'Does this product contain substrate/towelette/wipe?' is 'Yes' on the 'Product Properties' screen and is required when displayed.
- **Other Information:** Enter additional information related to the component that is not captured in other fields. This field is optional.

**Exhibit 5-37** shows a screen capture of the ‘Add Component’ pop-up for an ‘Alternate Active’ component:

**Add Component**

Component Type: Alternate Active

Add Alternate Source for: Cyclopropanecarboxylic acid, 3-

Common Name (ISO Proposed or Accepted) - Box 10: Permethrin

Registration Number - Box 12: 82123-3

CASRN - Box 10: 52645-53-1

Chemical Name - Box 10: Cyclopropanecarboxylic acid, 3-

PC Code - Box 10: 109701

IUPAC Name - Box 10:

Trade Name - Box 10: ALT ACTIVEGUARD FABRIC

**Certified Limits**

% Purity - Box 10: 1.64

% Weight / Total Weight - Box 13b: 100

% Upper Certified Limit - Box 14a: 103

% Lower Certified Limit - Box 14b: 97

Amount - Box 13a: 100

% Nominal - Box 13b: 1.64

% Upper Certified Limit - Box 14a (Nominal): 1.722

% Lower Certified Limit - Box 14b (Nominal): 1.558

Purpose in Formulation - Box 15: Active Ingredient

Is this component a Nanomaterial?: No

Other Information:

**Add Component** Cancel

**Exhibit 5-37: ‘Add Component’ Pop-Up – Alternate Active**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

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### 5.6.1.3 Impurity Components

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The application allows the inclusion of 'Impurity' components in 'Technical' and 'Manufacturing Use Product' formulations. Each 'Technical' product must have at least one (1) 'Impurity' component.

The following fields display in the 'Add Component' pop-up for an 'Impurity' component:

- **Component Type:** Select the component type to update the modal to display only those fields necessary for the selected component type. This field is required.
- **Chemical Name – Box 10:** Enter the component's chemical name. This field is required.
- **CASRN – Box 10:** Enter the component's CASRN. This field is optional.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component's proposed or accepted ISO common name. This field is optional.
- **IUPAC Name – Box 10:** Enter the component's IUPAC name. This field is optional.
- **Amount – Box 13a:** Enter the amount of the component included in the formulation. This field is used in the calculations performed on the 'Components' screen. This field is optional.
- **% Weight / Total Weight – Box 13b:** Enter the percent of the total composition the component comprises. The application sums this value with other components' values to perform a validation on the 'Components' screen. This field is optional.
- **% Upper Certified Limit – Box 14a:** Enter the 40 CFR 158.350 percent upper certified limit. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is required.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as 'Impurity' for 'Impurity' components. This field is required.
- **Is this component a Nanomaterial?:** Indicate whether the component is a nanomaterial. This field is required.
- **Other Information:** Enter additional information related to the component that is not captured in other fields. This field is optional.

**Exhibit 5-38** shows a screen capture of the ‘Add Component’ pop-up for an ‘Impurity’ component:

**Add Component**

Component Type:

\* Chemical Name - Box 10:

CASRN - Box 10:

IUPAC Name - Box 10:

Common Name (ISO Proposed or Accepted) - Box 10:

Certified Limits

% Weight / Total Weight - Box 13b:

% Nominal - Box 13b ⓘ:

\* % Upper Certified Limit - Box 14a:

% Upper Certified Limit - Box 14a (Nominal):

% Lower Certified Limit - Box 14b (Nominal):

Purpose in Formulation - Box 15:

\* Is this component a Nanomaterial?:

Other Information:

**Add Component** Cancel

**Exhibit 5-38: ‘Add Component’ Pop-Up – Impurity Component**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

#### 5.6.1.4 Inert Components

The following fields display in the ‘Add Component’ pop-up for an ‘Inert’ component:

- **Component Type:** Select the component type to update the pop-up to display only those fields necessary for the selected component type. This field is required.
- **Chemical Name – Box 10:** Enter the component’s chemical name. The application will automatically populate this field when a chemical identity search result is selected. This field is required.



- **CASRN – Box 10:** Enter the component's Chemical Abstracts Service Registry Number (CASRN). The application will automatically populate this field when a chemical identity search result is selected. This field is optional.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component's proposed or accepted ISO common name. The application will automatically populate this field when a chemical identity search result is selected. This field is optional.
- **IUPAC Name – Box 10:** Enter the component's International Union of Pure and Applied Chemistry (IUPAC) name. This field is optional.
- **Is this Inert component a mixture?:** Select whether the component is a mixture. This field is required.
- **Registration Number – Box 12:** Enter the 'EPA Registration Number' for the 'Inert' component. This field is optional.
- **Override Chemical Name:** Select this checkbox to enable the 'Chemical Name – Box 10,' 'CASRN – Box 10,' and 'Common Name (ISO Proposed or Accepted) – Box 10' fields for manual data entry when data has been automatically populated into fixed fields based on a chemical identity search. This field is optional.
- **Reason for Chemical Name Override:** Indicate a reason why changes to the automatically populated chemical identity fields are necessary. This field only displays when 'Override Chemical Name' is selected and is required when displayed.
- **Trade Name – Box 10:** Enter up to ten (10) brand names for the component if it is not a mixture or one (1) if it is a mixture. Select the '+ Add Trade Name' button once the name is complete to save a 'Trade Name' to the 'Add Component' pop-up. This field is required for mixtures and optional for non-mixtures.
- **Site/Supplier (for a Trade Name):** The application pairs each saved 'Trade Name' to a 'Site/Supplier' drop-down menu that lists all the manufacturing sites and/or component suppliers related to the component. The first saved 'Trade Name' will automatically inherit a relationship with the component's 'Primary Site/Supplier' to ensure the name renders on 'EPA Form 8570-4.' Subsequent 'Trade Names' may be associated to manufacturing sites and/or component suppliers other than the 'Primary Site/Supplier' and render onto addendum pages to 'EPA Form 8570-4.' Refer to **Section 5.6.3.1** and **Section 5.6.3.3** for information about how to set a 'Primary Site/Supplier' and how to view addendum pages, respectively.
- **% Purity – Box 10:** Enter the purity for the component. This field must be one-hundred (100) for mixtures. This field is required.
- **Amount – Box 13a:** Enter the amount of the component included in the formulation. This field is used in the calculations performed on the 'Components' screen. This field is required.
- **% Weight / Total Weight – Box 13b:** Enter the percent of the total composition the component comprises. The application sums this value with other components' values to perform a validation on the 'Components' screen. This field is required.
- **% Nominal – Box 13b:** Enter the percent nominal value as captured on the product label. The application automatically calculates this value based on the values entered in the '%

Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional within the pop-up, but required to pass many on-screen validations.

- **% Upper Certified Limit – Box 14a:** Enter the 40 CFR 158.350 percent upper certified limit. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional.
- **% Upper Certified Limit – Box 14a (Nominal):** Enter the 40 CFR 158.350 percent upper certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10,’ ‘% Weight / Total Weight – Box 13b,’ and ‘% Nominal – Box 13b’ fields. This field is optional.
- **% Lower Certified Limit – Box 14b:** Enter the 40 CFR 158.350 percent lower certified limit. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional.
- **% Lower Certified Limit – Box 14b (Nominal):** Enter the 40 CFR 158.350 percent lower certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10,’ ‘% Weight / Total Weight – Box 13b,’ and ‘% Nominal – Box 13b’ fields. This field is optional.
- **Request Wider Certified Limits:** Select this checkbox to make manual changes to the calculated values in the ‘% Nominal – Box 13b,’ ‘% Upper Certified Limit – Box 14a,’ ‘% Upper Certified Limit – Box 14a (Nominal),’ ‘% Lower Certified Limit – Box 14b,’ or ‘% Lower Certified Limit – Box 14b (Nominal)’ fields. This field is optional.
- **Justification for Wider Certified Limits:** Indicate a reason why wider and/or changes certified limits are necessary. This field only displays when ‘Request Wider Certified Limits’ is selected and is required when displayed.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as ‘Active Ingredient’ for ‘Active’ components. This field is required.
- **Is this component a Nanomaterial?:** Indicate whether the component is a nanomaterial. This field is required.
- **Other Information:** Enter additional information related to the component that is not captured in other fields. This field is optional.

Exhibit 5-39 shows a screen capture of the ‘Add Component’ pop-up for an ‘Inert’ component:

**Add Component**

Component Type:

[+] Show Inert Search

Chemical Name - Box 10:

CASRN - Box 10:

IUPAC Name - Box 10:

Common Name (ISO Proposed or Accepted) - Box 10:

Trade Name - Box 10:

Certified Limits

% Purity - Box 10:

% Weight / Total Weight - Box 13b:

% Upper Certified Limit - Box 14a:

% Lower Certified Limit - Box 14b:

Request Wider Certified Limits: ☐

Amount - Box 13a:

% Nominal - Box 13b:

% Upper Certified Limit - Box 14a (Nominal):

% Lower Certified Limit - Box 14b (Nominal):

Purpose in Formulation - Box 15:

Other Information:

**Exhibit 5-39: ‘Add Component’ Pop-Up – Inert Component**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

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#### 5.6.1.5 Dye Components

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The application allows the inclusion of ‘Dye’ components in ‘End Use Product’ and ‘Manufacturing Use Product’ formulations.

The following fields display in the ‘Add Component’ pop-up for a ‘Dye’ component:

- **Component Type:** Select the component type to update the modal to display only those fields necessary for the selected component type. This field is required.
- **Chemical Name – Box 10:** Enter the component’s chemical name. This field is required.
- **CASRN – Box 10:** Enter the component’s CASRN. This field is optional.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component’s proposed or accepted ISO common name. This field is optional.
- **IUPAC Name – Box 10:** Enter the component’s IUPAC name. This field is optional.
- **Trade Name – Box 10:** Enter up to ten (10) unique brand names for the component. To save a ‘Trade Name’ to the ‘Add Component’ pop-up, select the ‘+ Add Trade Name’ button once the name is complete. This field is optional.
- **Site/Supplier (for a Trade Name):** The application pairs each saved ‘Trade Name’ to a ‘Site/Supplier’ drop-down menu that lists all the manufacturing sites and/or component suppliers related to the component. The first saved ‘Trade Name’ will automatically inherit a relationship with the component’s ‘Primary Site/Supplier’ to ensure the name renders on the main EPA Form 8570-4. Subsequent ‘Trade Names’ may be associated to manufacturing sites and/or component suppliers other than the ‘Primary Site/Supplier’ and render onto addendum pages to EPA Form 8570-4. Refer to **Section 5.6.3.1** and **Section 5.6.3.3** for information about how to set a ‘Primary Site/Supplier’ and how to view addendum pages, respectively.
- **% Purity – Box 10:** Enter the purity for the component. This field is optional.
- **Amount – Box 13a:** Enter the amount of the component included in the formulation. This field is used in the calculations performed on the ‘Components’ screen. This field is required.
- **% Weight / Total Weight – Box 13b:** Enter the percent of the total composition the component comprises. The application sums this value with other components’ values to perform a validation on the ‘Components’ screen. This field is required.
- **% Upper Certified Limit – Box 14a:** Enter the 40 CFR 158.350 percent upper certified limit. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional.
- **% Lower Certified Limit – Box 14b:** Enter the 40 CFR 158.350 percent lower certified limit. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional.
- **Request Wider Certified Limits:** Select this checkbox to make manual changes to the calculated values in the ‘% Upper Certified Limit – Box 14a’ and ‘% Lower Certified Limit – Box 14b,’ fields. This field is optional.

- **Justification for Wider Certified Limits:** Indicate a reason why wider and/or changes certified limits are necessary. This field only displays when ‘Request Wider Certified Limits’ is selected and is required when displayed.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as ‘Dye/Coloring Agent/Colorant/Pigment’ for ‘Dye’ components. This field is optional.
- **Is this component a Nanomaterial?:** Indicate whether the component is a nanomaterial. This field is required.
- **Other Information:** Enter additional information related to the component that is not captured in other fields. This field is optional.

Exhibit 5-40 shows a screen capture of the ‘Add Component’ pop-up for a ‘Dye’ component:

**Add Component**

Component Type: Dye

\* Chemical Name - Box 10:

CASRN - Box 10:

IUPAC Name - Box 10:

Common Name (ISO Proposed or Accepted) - Box 10:

Trade Name - Box 10:  + Add Trade Name(s)

**Certified Limits**

% Purity - Box 10:  \* Amount - Box 13a:

\* % Weight / Total Weight - Box 13b:

% Upper Certified Limit - Box 14a:

% Lower Certified Limit - Box 14b:

Request Wider Certified Limits: ☐

Purpose in Formulation - Box 15: Dye/Coloring Agent/Colorant /Pigment

\* Is this component a Nanomaterial?: Please Select...

Other Information:

**Add Component** Cancel

**Exhibit 5-40: ‘Add Component’ Pop-Up – Dye Component**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

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#### 5.6.1.6 Fragrance Components

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The application allows the inclusion of 'Fragrance' components in 'End Use Product' and 'Manufacturing Use Product' formulations.

The following fields display in the 'Add Component' pop-up for a 'Fragrance' component:

- **Component Type:** Select the component type to update the modal to display only those fields necessary for the selected component type. This field is required.
- **Chemical Name – Box 10:** Enter the component's chemical name. This field is required.
- **CASRN – Box 10:** Enter the component's CASRN. This field is optional.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component's proposed or accepted ISO common name. This field is optional.
- **IUPAC Name – Box 10:** Enter the component's IUPAC name. This field is optional.
- **Trade Name – Box 10:** Enter up to ten (10) unique brand names for the component. To save a 'Trade Name' to the 'Add Component' pop-up, select the '+ Add Trade Name' button once the name is complete. This field is optional.
- **Site/Supplier (for a Trade Name):** The application pairs each saved 'Trade Name' to a 'Site/Supplier' drop-down menu that lists all the manufacturing sites and/or component suppliers related to the component. The first saved 'Trade Name' will automatically inherit a relationship with the component's 'Primary Site/Supplier' to ensure the name renders on the main EPA Form 8570-4. Subsequent 'Trade Names' may be associated to manufacturing sites and/or component suppliers other than the 'Primary Site/Supplier' and render onto addendum pages to EPA Form 8570-4. Refer to **Section 5.6.3.1** and **Section 5.6.3.3** for information about how to set a 'Primary Site/Supplier' and how to view addendum pages, respectively.
- **% Purity – Box 10:** Enter the purity for the component. This field is optional.
- **Amount – Box 13a:** Enter the amount of the component included in the formulation. This field is used in the calculations performed on the 'Components' screen. This field is required.
- **% Weight / Total Weight – Box 13b:** Enter the percent of the total composition the component comprises. The application sums this value with other components' values to perform a validation on the 'Components' screen. This field is required.
- **% Nominal – Box 13b:** Enter the percent nominal value as captured on the product label. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional within the pop-up, but required to pass many on-screen validations.
- **% Upper Certified Limit – Box 14a:** Enter the 40 CFR 158.350 percent upper certified limit. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional.
- **% Upper Certified Limit – Box 14a (Nominal):** Enter the 40 CFR 158.350 percent upper certified limit for the nominal percentage. The application automatically calculates this value

based on the values entered in the ‘% Purity – Box 10,’ ‘% Weight / Total Weight – Box 13b,’ and ‘% Nominal – Box 13b’ fields. This field is optional.

- **% Lower Certified Limit – Box 14b:** Enter the 40 CFR 158.350 percent lower certified limit. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional.
- **% Lower Certified Limit – Box 14b (Nominal):** Enter the 40 CFR 158.350 percent lower certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10,’ ‘% Weight / Total Weight – Box 13b,’ and ‘% Nominal – Box 13b’ fields. This field is optional.
- **Request Wider Certified Limits:** Select this checkbox to make manual changes to the calculated values in the ‘% Nominal – Box 13b,’ ‘% Upper Certified Limit – Box 14a,’ ‘% Upper Certified Limit – Box 14a (Nominal),’ ‘% Lower Certified Limit – Box 14b,’ or ‘% Lower Certified Limit – Box 14b (Nominal)’ fields. This field is optional.
- **Justification for Wider Certified Limits:** Indicate a reason why wider and/or changes certified limits are necessary. This field only displays when ‘Request Wider Certified Limits’ is selected and is required when displayed.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as ‘Fragrance’ for ‘Fragrance’ components. This field is optional.
- **Is this component a Nanomaterial?:** Indicate whether the component is a nanomaterial. This field is required.
- **Other Information:** Enter additional information related to the component that is not captured in other fields. This field is optional.



**Exhibit 5-41** shows a screen capture of the ‘Add Component’ pop-up for a ‘Fragrance’ component:

**Add Component**

Component Type: Fragrance

Chemical Name - Box 10:

CASRN - Box 10:

IUPAC Name - Box 10:

Common Name (ISO Proposed or Accepted) - Box 10:

Trade Name - Box 10:  + Add Trade Name(s)

**Certified Limits**

% Purity - Box 10:

% Weight / Total Weight - Box 13b:

% Upper Certified Limit - Box 14a:

% Lower Certified Limit - Box 14b:

Request Wider Certified Limits: ☐

Amount - Box 13a:

% Nominal - Box 13b:

% Upper Certified Limit - Box 14a (Nominal):

% Lower Certified Limit - Box 14b (Nominal):

Purpose in Formulation - Box 15: Fragrance x

Is this component a Nanomaterial?: Please Select...

Other Information:

Add Component Cancel

**Exhibit 5-41: ‘Add Component’ Pop-Up – Fragrance Component**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

---

#### 5.6.1.7 Fertilizer Components

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The application allows the inclusion of 'Fertilizer' components in 'End Use Product' and 'Manufacturing Use Product' formulations.

The following fields display in the 'Add Component' pop-up for a 'Fertilizer' component:

- **Component Type:** Select the component type to update the modal to display only those fields necessary for the selected component type. This field is required.
- **Chemical Name – Box 10:** Enter the component's chemical name. This field is required.
- **CASRN – Box 10:** Enter the component's CASRN. This field is optional.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component's proposed or accepted ISO common name. This field is optional.
- **IUPAC Name – Box 10:** Enter the component's IUPAC name. This field is optional.
- **Contains Nitrogen?:** Indicate whether the 'Fertilizer' component contains nitrogen. This field is required.
- **Maximum Nitrogen Percentage Tested – Box 10:** Enter the maximum percent of nitrogen tested in the 'Acute Eye Irritation' guideline study, OPPTS 870.2400. This field only displays when 'Contains Nitrogen?' is 'Yes' and is required when displayed.
- **Trade Name – Box 10:** Enter up to ten (10) unique brand names for the component. To save a 'Trade Name' to the 'Add Component' pop-up, select the '+ Add Trade Name' button once the name is complete. This field is optional.
- **Site/Supplier (for a Trade Name):** The application pairs each saved 'Trade Name' to a 'Site/Supplier' drop-down menu that lists all the manufacturing sites and/or component suppliers related to the component. The first saved 'Trade Name' will automatically inherit a relationship with the component's 'Primary Site/Supplier' to ensure the name renders on the main EPA Form 8570-4. Subsequent 'Trade Names' may be associated to manufacturing sites and/or component suppliers other than the 'Primary Site/Supplier' and render onto addendum pages to EPA Form 8570-4. Refer to **Section 5.6.3.1** and **Section 5.6.3.3** for information about how to set a 'Primary Site/Supplier' and how to view addendum pages, respectively.
- **% Purity – Box 10:** Enter the purity for the component. This field is optional.
- **Amount – Box 13a:** Enter the amount of the component included in the formulation. This field is used in the calculations performed on the 'Components' screen. This field is required.
- **% Weight / Total Weight – Box 13b:** Enter the percent of the total composition the component comprises. The application sums this value with other components' values to perform a validation on the 'Components' screen. This field is required.
- **% Nominal – Box 13b:** Enter the percent nominal value as captured on the product label. The application automatically calculates this value based on the values entered in the '% Purity – Box 10' and '% Weight / Total Weight – Box 13b' fields. This field is optional within the pop-up, but required to pass many on-screen validations.

- **% Upper Certified Limit – Box 14a:** Enter the 40 CFR 158.350 percent upper certified limit. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional.
- **% Upper Certified Limit – Box 14a (Nominal):** Enter the 40 CFR 158.350 percent upper certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10,’ ‘% Weight / Total Weight – Box 13b,’ and ‘% Nominal – Box 13b’ fields. This field is optional.
- **% Lower Certified Limit – Box 14b:** Enter the 40 CFR 158.350 percent lower certified limit. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10’ and ‘% Weight / Total Weight – Box 13b’ fields. This field is optional.
- **% Lower Certified Limit – Box 14b (Nominal):** Enter the 40 CFR 158.350 percent lower certified limit for the nominal percentage. The application automatically calculates this value based on the values entered in the ‘% Purity – Box 10,’ ‘% Weight / Total Weight – Box 13b,’ and ‘% Nominal – Box 13b’ fields. This field is optional.
- **Request Wider Certified Limits:** Select this checkbox to make manual changes to the calculated values in the ‘% Nominal – Box 13b,’ ‘% Upper Certified Limit – Box 14a,’ ‘% Upper Certified Limit – Box 14a (Nominal),’ ‘% Lower Certified Limit – Box 14b,’ or ‘% Lower Certified Limit – Box 14b (Nominal)’ fields. This field is optional.
- **Justification for Wider Certified Limits:** Indicate a reason why wider and/or changes certified limits are necessary. This field only displays when ‘Request Wider Certified Limits’ is selected and is required when displayed.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as ‘Fertilizer’ for ‘Fertilizer’ components. This field is optional.
- **Is this component a Nanomaterial?:** Indicate whether the component is a nanomaterial. This field is required.
- **Other Information:** Enter additional information related to the component that is not captured in other fields. This field is optional.

**Exhibit 5-42** shows a screen capture of the ‘Add Component’ pop-up for a ‘Fertilizer’ component:

**Add Component**

Component Type: Fertilizer

\* Chemical Name - Box 10:

CASRN - Box 10:

\* Contains Nitrogen?: Yes

IUPAC Name - Box 10:

Common Name (ISO Proposed or Accepted) - Box 10:

\* Maximum Nitrogen Percentage Tested - Box 10:

Trade Name - Box 10:  + Add Trade Name(s)

**Certified Limits**

% Purity - Box 10:

\* % Weight / Total Weight - Box 13b:

% Upper Certified Limit - Box 14a:

% Lower Certified Limit - Box 14b:

Request Wider Certified Limits: ☐

\* Amount - Box 13a:

% Nominal - Box 13b:

% Upper Certified Limit - Box 14a (Nominal):

% Lower Certified Limit - Box 14b (Nominal):

Purpose in Formulation - Box 15: Fertilizer

\* Is this component a Nanomaterial?: Please Select...

Other Information:

**Add Component** Cancel

**Exhibit 5-42: ‘Add Component’ Pop-Up – Fertilizer Component**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

---

#### 5.6.1.8 Water Soluble Packaging Material and Ink Type Components

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The application allows the inclusion of 'Water Soluble Packaging Material' and 'Water Soluble Packaging Ink Type' components when 'Is this a water soluble package?' is 'Yes' on the 'Product Properties' screen.

The following fields display in the 'Add Component' pop-up for a 'Water Soluble Packaging Material' or 'Water Soluble Packaging Ink Type' component:

- **Component Type:** Select the component type to update the modal to display only those fields necessary for the selected component type. This field is required.
- **Chemical Name – Box 10:** Enter the component's chemical name. This field is required.
- **CASRN – Box 10:** Enter the component's CASRN. This field is required.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component's proposed or accepted ISO common name. This field is required.
- **IUPAC Name – Box 10:** Enter the component's IUPAC name. This field is optional.
- **Trade Name – Box 10:** Enter up to ten (10) unique brand names for the component. To save a 'Trade Name' to the 'Add Component' pop-up, select the '+ Add Trade Name' button once the name is complete. This field is required.
- **Site/Supplier (for a Trade Name):** The application pairs each saved 'Trade Name' to a 'Site/Supplier' drop-down menu that lists all the manufacturing sites and/or component suppliers related to the component. The first saved 'Trade Name' will automatically inherit a relationship with the component's 'Primary Site/Supplier' to ensure the name renders on the main EPA Form 8570-4. Subsequent 'Trade Names' may be associated to manufacturing sites and/or component suppliers other than the 'Primary Site/Supplier' and render onto addendum pages to EPA Form 8570-4. Refer to **Section 5.6.3.1** and **Section 5.6.3.3** for information about how to set a 'Primary Site/Supplier' and how to view addendum pages, respectively.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as 'Water Soluble Packaging' for 'Water Soluble Packaging Material' components and 'Water Soluble Packaging Ink Type' for 'Water Soluble Packaging Ink Type' components. This field is optional.

**Exhibit 5-43** shows a screen capture of the ‘Add Component’ pop-up for a ‘Water Soluble’ component:

The screenshot shows a modal window titled 'Add Component'. At the top, 'Component Type' is set to 'Water Soluble Packaging Material'. Below this are several input fields: 'Chemical Name - Box 10', 'CASRN - Box 10', 'IUPAC Name - Box 10', 'Common Name (ISO Proposed or Accepted) - Box 10', and 'Trade Name - Box 10' (which includes a '+ Add Trade Name(s)' button). At the bottom, 'Purpose in Formulation - Box 15' is set to 'Water Soluble Packaging'. A red rectangle highlights the 'Add Component' button at the bottom left, next to a 'Cancel' button.

**Exhibit 5-43: ‘Add Component’ Pop-Up – Water Soluble Component**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

### 5.6.1.9 Towelette Components

The application allows the inclusion of ‘Towelette’ components when 'Does this product contain substrate/towelette/wipe?' is ‘Yes’ on the 'Product Properties' screen.

The following fields display in the ‘Add Component’ pop-up for a ‘Towelette’ component:

- **Component Type:** Select the component type to update the modal to display only those fields necessary for the selected component type. This field is required.
- **Chemical Name – Box 10:** Enter the component’s chemical name. This field is required.
- **CASRN – Box 10:** Enter the component’s CASRN. This field is required.
- **Common Name (ISO Proposed or Accepted) – Box 10:** Enter the component’s proposed or accepted ISO common name. This field is required.
- **IUPAC Name – Box 10:** Enter the component’s IUPAC name. This field is optional.
- **Trade Name – Box 10:** Enter up to ten (10) unique brand names for the component. To save a ‘Trade Name’ to the ‘Add Component’ pop-up, select the ‘+ Add Trade Name’ button once the name is complete. This field is required.

- **Site/Supplier (for a Trade Name):** The application pairs each saved ‘Trade Name’ to a ‘Site/Supplier’ drop-down menu that lists all the manufacturing sites and/or component suppliers related to the component. The first saved ‘Trade Name’ will automatically inherit a relationship with the component’s ‘Primary Site/Supplier’ to ensure the name renders on the main EPA Form 8570-4. Subsequent ‘Trade Names’ may be associated to manufacturing sites and/or component suppliers other than the ‘Primary Site/Supplier’ and render onto addendum pages to EPA Form 8570-4. Refer to **Section 5.6.3.1** and **Section 5.6.3.3** for information about how to set a ‘Primary Site/Supplier’ and how to view addendum pages, respectively.
- **Purpose in Formulation – Box 15:** Select a purpose in formulation for the component. This value is fixed as ‘Towelette’ for ‘Towelette’ components. This field is optional.

**Exhibit 5-44** shows a screen capture of the ‘Add Component’ pop-up for a ‘Towelette’ component:

The screenshot shows a web-based 'Add Component' pop-up window. At the top, the title is 'Add Component'. Below the title, there are several input fields and a button. The 'Component Type' is set to 'Towelette'. There are three rows of input fields: 'Chemical Name - Box 10', 'CASRN - Box 10', and 'IUPAC Name - Box 10'. To the right of these is a field for 'Common Name (ISO Proposed or Accepted) - Box 10'. Below these is a field for 'Trade Name - Box 10' with a placeholder 'Add a Trade Name' and a blue button '+ Add Trade Name(s)'. At the bottom, there is a field for 'Purpose in Formulation - Box 15' with a dropdown menu showing 'Towelette'. At the very bottom, there are two buttons: 'Add Component' (highlighted with a red box) and 'Cancel'.

**Exhibit 5-44: ‘Add Component’ Pop-Up – Towelette Component**

**Navigation:** Enter data in all required fields and select the ‘Add Component’ button.

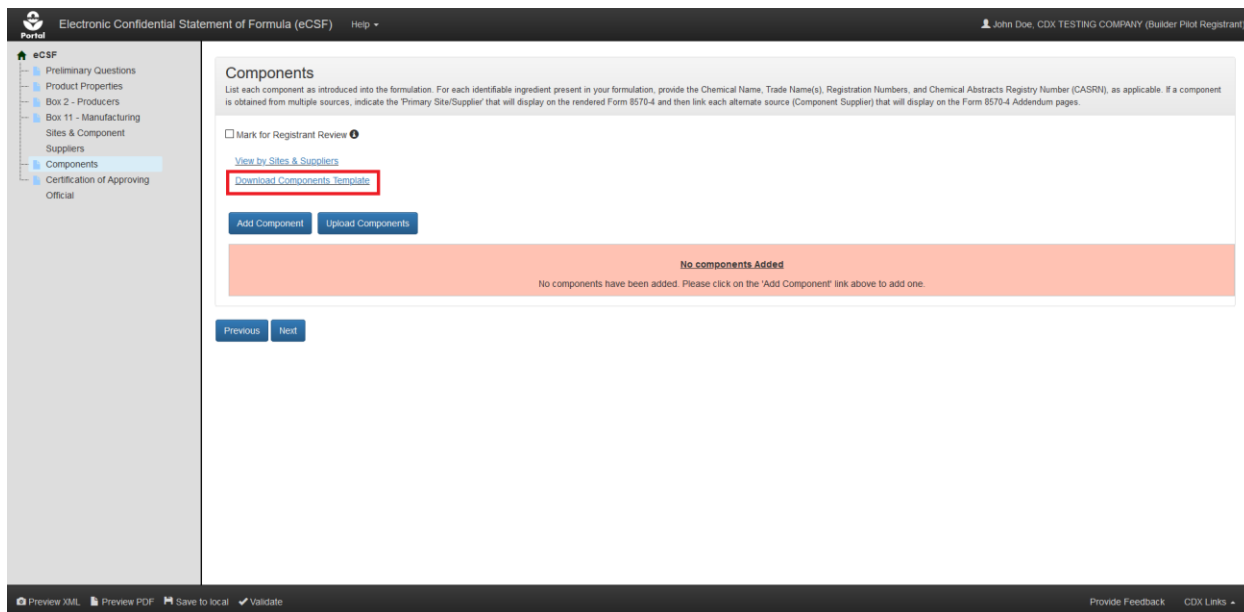
## 5.6.2 Bulk Upload Components

The eCSF application allows a user to upload many component entries into an eCSF XML file using a Microsoft Excel spreadsheet template file. This allows for the easy population of component entries when a registrant uses a regular set across products, eCSF XML files, etc. The

application applies all applicable validations regardless of whether component data is bulk uploaded or manually entered.

**Note:** The template file does occasionally change when application features are added or updated. All efforts to ensure backward compatibility are made, but a user should check that their template file matches the current template file prior to upload.

**Exhibit 5-45** shows a screen capture of how to download the bulk upload template file from the ‘Components’ screen:

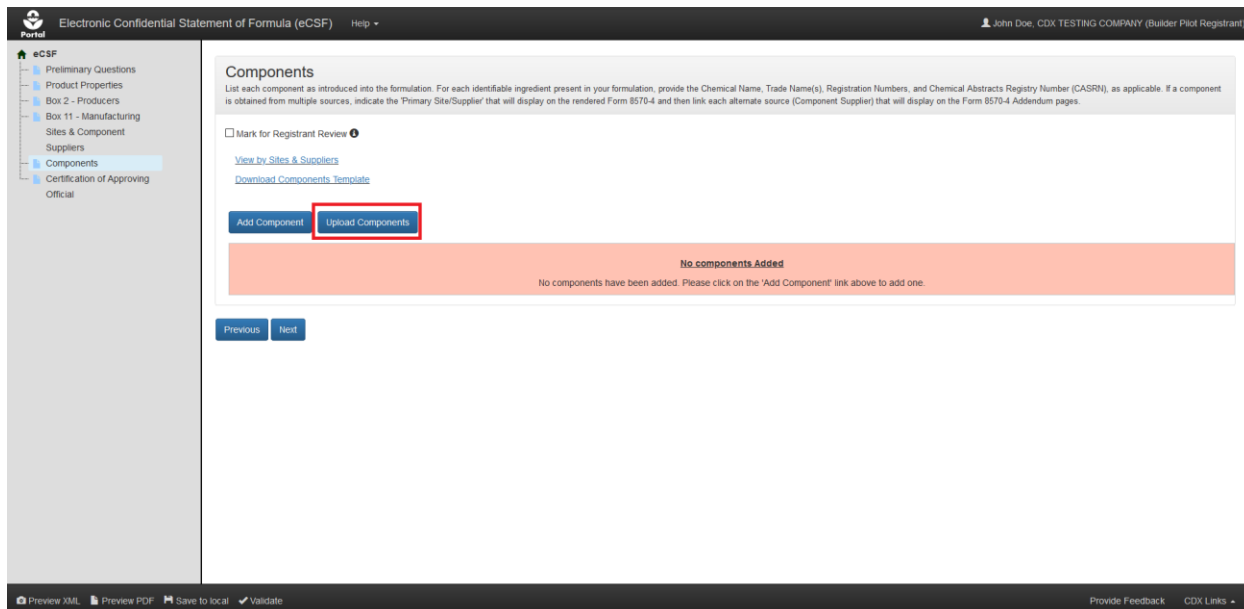


**Exhibit 5-45: ‘Components’ Screen – Template Download**

**Navigation:** Select the ‘Download Components Template’ link to save and work on the template on a local machine.



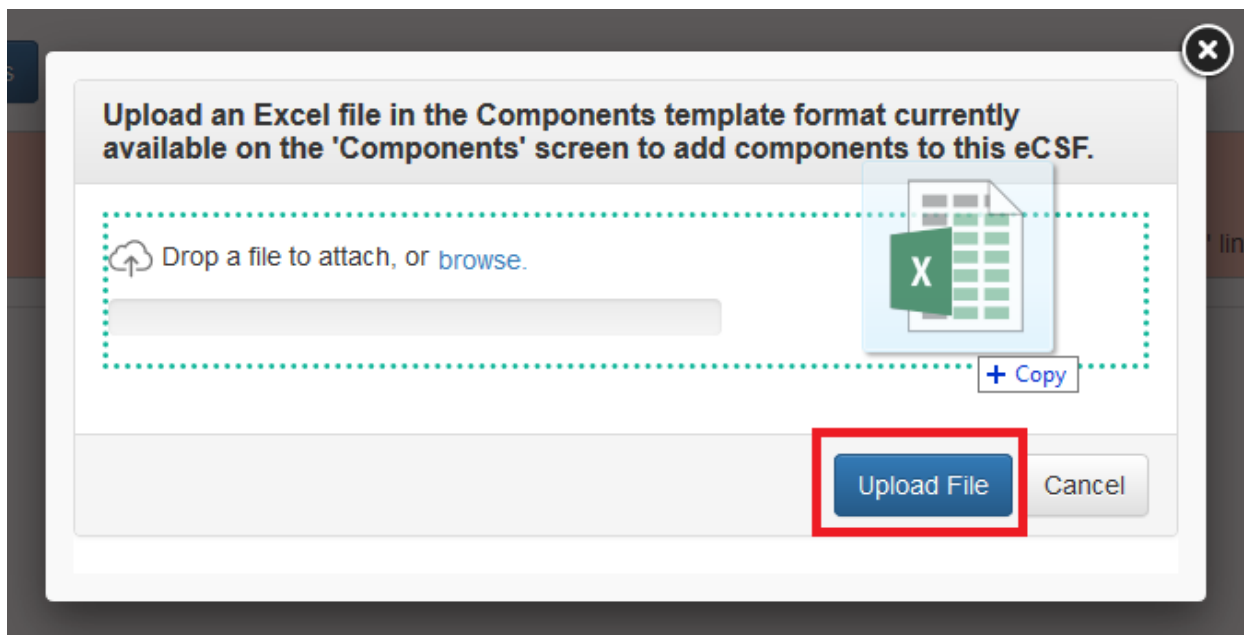
**Exhibit 5-46** shows a screen capture of how to initiate the bulk upload on the ‘Components’ screen:



**Exhibit 5-46: ‘Components’ Screen – Initiate Template Upload**

**Navigation:** Select the ‘Upload Components Template’ button to launch the upload pop-up.

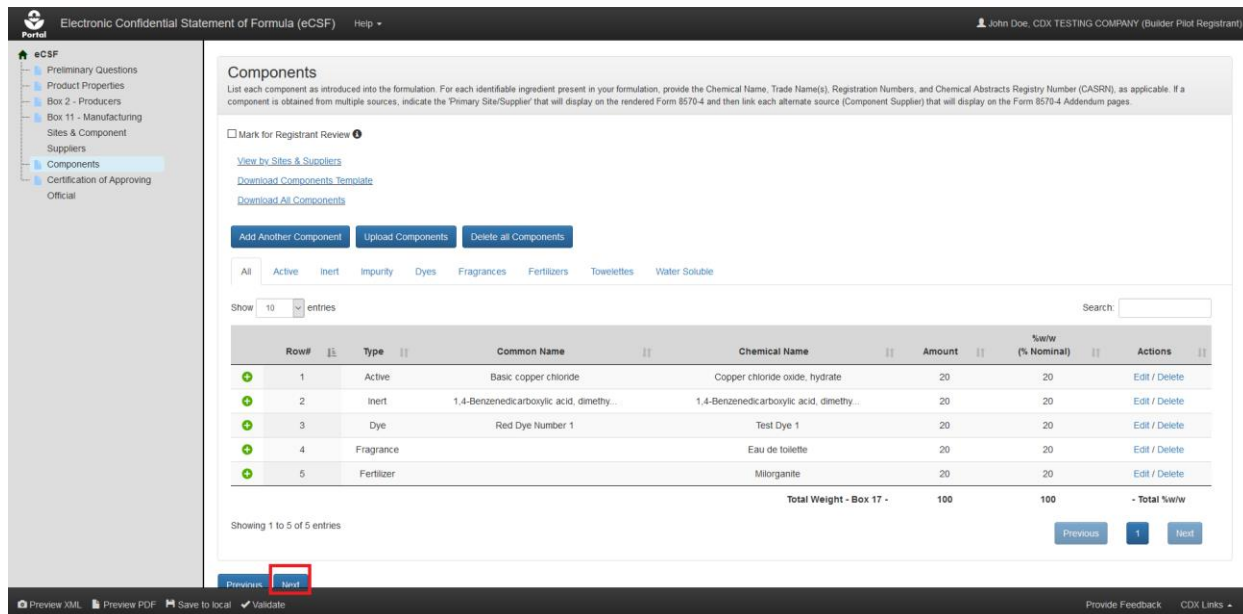
**Exhibit 5-47** shows a screen capture of how to upload a ‘Components’ template in the pop-up:



**Exhibit 5-47: ‘Upload Template’ Pop-Up**

**Navigation:** Select the ‘browse’ link to search the local machine for a file or drag and drop the file onto the pop-up to initiate upload. Next, wait for the file name to display (upload processing is incomplete until the file name displays) and then select the ‘Upload File’ button.

**Exhibit 5-48** shows a screen capture the ‘Components’ screen following a successful bulk upload:



**Components**

List each component as introduced into the formulation. For each identifiable ingredient present in your formulation, provide the Chemical Name, Trade Name(s), Registration Numbers, and Chemical Abstracts Registry Number (CASRN), as applicable. If a component is obtained from multiple sources, indicate the 'Primary Site/Supplier' that will display on the rendered Form 8570-4 and then link each alternate source (Component Supplier) that will display on the Form 8570-4 Addendum pages.

☐ Mark for Registrant Review

[View by Sites & Suppliers](#)  
[Download Components Template](#)  
[Download All Components](#)

[Add Another Component](#) [Upload Components](#) [Delete all Components](#)

All Active Inert Impurity Dyes Fragrances Fertilizers Towelettes Water Soluble

Show 10 entries

Row#	Type	Common Name	Chemical Name	Amount	%w/w (% Nominal)	Actions
1	Active	Basic copper chloride	Copper chloride oxide, hydrate	20	20	<a href="#">Edit / Delete</a>
2	Inert	1,4-Benzenedicarboxylic acid, dimethy...	1,4-Benzenedicarboxylic acid, dimethy...	20	20	<a href="#">Edit / Delete</a>
3	Dye	Red Dye Number 1	Test Dye 1	20	20	<a href="#">Edit / Delete</a>
4	Fragrance		Eau de toilette	20	20	<a href="#">Edit / Delete</a>
5	Fertilizer		Milorganite	20	20	<a href="#">Edit / Delete</a>
Total Weight - Box 17 -				100	100	- Total %w/w

Showing 1 to 5 of 5 entries

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[Previous](#) [Next](#)

[Preview XML](#) [Preview PDF](#) [Save to local](#) [Validate](#) [Provide Feedback](#) [CDX Links](#)

**Exhibit 5-48: ‘Components’ Screen – Upload Complete**

**Navigation:** Select the ‘Next’ button to navigate away from the screen when all necessary component entries are complete.

### 5.6.3 Relate a Manufacturing Site or Component Supplier to a Component

Generally, components within an eCSF XML file are required to have at least one manufacturing site and/or component supplier relationship. However, registrants should consider the following situations when linking components to manufacturing sites and component suppliers:

- Components in a basic formulation may only relate to a single site or supplier, which the application renders on the main form.
- When multiple component to site and supplier relationships exist in an alternate formulation, the application renders ‘Box 11’ data to addendum pages.
- The application enforces ‘Supplier Type’ to component rules via validations and disabled application functionality (e.g., registered Active components cannot be associated to manufacturing sites).
- Registrants cannot make component to manufacturing site and component supplier relationships using the bulk upload functionality.
- The application does not render orphaned manufacturing sites and component suppliers (i.e., entries that are not associated to any component) onto the form PDF rendering. However, the application does maintain these entries in the eCSF XML file.

### 5.6.3.1 Create Site/Supplier Relationship for Existing Site(s)/Supplier(s)

Follow the below steps to create a relationship between a component and a manufacturing site(s) or component supplier(s) that already exists in the eCSF XML file.

**Exhibit 5-49** shows a screen capture of how to initiate the process to relate a component to an existing manufacturing site or component supplier on the ‘Components’ screen:

**Exhibit 5-49: ‘Components’ Screen – Relate Site/Supplier**

**Navigation:** Select the green ‘plus’ icon from the ‘Relate Site/Supplier’ column for the entry that will be related.

**Exhibit 5-50** shows a screen capture of how to view existing manufacturing sites and component suppliers to create a relationship on the ‘Components’ screen:

**Exhibit 5-50: ‘Components’ Screen – View Existing Sites/Suppliers**

**Navigation:** Select the ‘Add Related Sites/Suppliers’ button to launch the ‘Select Related Sites/Suppliers’ pop-up.

**Exhibit 5-51** shows a screen capture of the ‘Select Related Sites/Suppliers’ pop-up:

**Exhibit 5-51: ‘Select Related Sites/Suppliers’ Pop-Up**

**Navigation:** Select the checkbox(es) for the manufacturing site(s) and/or component supplier(s) that should be related to the listed component and then select the ‘OK’ button.

**Exhibit 5-52** shows a screen capture of the ‘Components’ screen after manufacturing site or component supplier relationships have been successfully added:

**Exhibit 5-52: ‘Components’ Screen – Select Primary Site/Supplier**

**Navigation:** Select the radio button in the ‘Primary Site/Supplier’ column for the entry that will display on the main section of ‘EPA Form 8570-4 – Confidential Statement of Formula’ (all other entries display on addendum pages).

### 5.6.3.2 Create Site/Supplier Relationship for a New Site/Supplier

Follow the below steps to create a relationship between a component and a manufacturing site or component supplier that does not yet exist in the eCSF XML file.

**Exhibit 5-53** shows a screen capture of how to initiate the process to relate a component to a new manufacturing site or component supplier on the ‘Components’ screen:

**Exhibit 5-53: ‘Components’ Screen – Relate Site/Supplier**

**Navigation:** Select the green ‘plus’ icon from the ‘Relate Site/Supplier’ column for the entry that will be related.

**Exhibit 5-54** shows a screen capture of how to view existing manufacturing sites and component suppliers on the ‘Components’ screen:

**Exhibit 5-54: ‘Components’ Screen – View Existing Sites/Suppliers**

**Navigation:** Select the ‘Add Related Sites/Suppliers’ button to launch the ‘Select Related Sites/Suppliers’ pop-up.

**Exhibit 5-55** shows a screen capture of the ‘Select Related Sites/Suppliers’ pop-up:

Related Sites & Suppliers

Please Select the related sites or supplier(s)

Available Sites and Suppliers

Show 10 entries Search:

Type	Name	Address	City	State	Zip	Establishment #
<input type="checkbox"/> Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111	
<input type="checkbox"/> Component Supplier	Domestic Component Supply 2	2 Test Street	Any Town 2	California	11112	
<input type="checkbox"/> Component Supplier	Domestic Component Supply 3	3 Test Street	Any Town 3	Colorado	11113	

Showing 1 to 3 of 3 entries

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Site/suppliers may only have one component for Basic Formulations.

Create Site or Supplier

OK Cancel

**Exhibit 5-55: ‘Select Related Sites/Suppliers’ Pop-Up**

**Navigation:** Select the ‘Create Site or Supplier’ link to access the ‘Add Site/Supplier’ pop-up.

**Exhibit 5-56** shows a screen capture of the ‘Add Site or Supplier’ pop-up:

Add Site or Supplier

\* Supplier Type Please Select...

Box 11

\* Site/Supplier Name  Address is N/A ☐

\* Address  \* City

Address Cont.  \* State

\* Country  UNITED STATES \* Postal or ZIP Code

Add Site or Supplier Cancel

**Exhibit 5-56: ‘Add Site or Supplier’ Pop-Up**

**Navigation:** Enter data in all required fields and select the ‘Add Site or Supplier’ button. Refer to **Section 5.5.1** for additional information on creating sites and suppliers.

**Exhibit 5-57** shows a screen capture of the ‘Components’ screen after component relationships have been successfully added:

Row#	Type	Common Name	Chemical Name	Amount	%w/w (% Nominal)	Actions
1	Active	Basic copper chloride	Copper chloride oxide, hydrate	20	20	Edit / Delete

Primary Site/Supplier	Type	Name	Address	City	State	Zip	Establishment #	Actions
<input checked="" type="radio"/>	Component Supplier	Domestic Component Supply 1	1 Test Street	Any Town 1	Arkansas	11111		Edit / Remove
<input type="radio"/>	Component Supplier	Domestic Component Supply 2	2 Test Street	Any Town 2	California	11112		Edit / Remove

**Exhibit 5-57: ‘Components’ Screen – Select Primary Site/Supplier**

**Navigation:** Select the radio button in the ‘Primary Site/Supplier’ column for the entry that will display on the main section of ‘EPA Form 8570-4 – Confidential Statement of Formula’ (all other entries display on addendum pages).

### 5.6.3.3 View Component to Site/Supplier Relationships in Rendered PDF

The eCSF application allows multiple component to manufacturing site or component supplier relationships in an alternate formulation. When there are multiple relationships, the entry identified as the primary on the ‘Components’ screen displays in ‘Box 11’ on the rendered PDF of ‘EPA Form 8570-4 – Confidential Statement of Formula.’ All other relationships and ‘Alternate Active’ components display on addendum pages. The primary designation has no significance other than to indicate which entry displays on the main form.

**Exhibit 5-58** shows the PDF rendering of a component to primary site/supplier relationship:

Office of Pesticide Programs (7505C) - Confidential Statement of Formula	
<b>Box 11: Components in Formulation</b> List as actually introduced in the formulation. Give commonly accepted chemical name, trade name, and CAS number. EPA USE ONLY Common Name: Cytomazine Chemical Name: 1,3,5-Triazine-2,4,6-triazine, N-cyclopropyl- Trade Name: CYTOMAZINE TECHNICAL CAS Number: 86215-27-6 PC Code: 121301 % Purity: 97	<b>Box 12: Supplier Name &amp; Address</b> Domestic Component Supply 1 1 Test Street Suite 1 Any Town 1, Arkansas 11111 UNITED STATES See Attachment

**Exhibit 5-58: Primary Site/Supplier Relationship PDF Rendering**

**Exhibit 5-59** shows the PDF rendering of a component to non–primary site/supplier relationship on an addendum page:

Confidential Business Information: Does not contain National Security Information (EO 12065)

Attachments to EPA Memorandum

Confidential Business Information - CDX TESTING COMPANY

Page 2 of 2

CONFIDENTIAL BUSINESS INFORMATION  
for EPA REGISTRATION NUMBER:  
ATTACHMENT FOR ALTERNATE #

ADDITIONAL SUPPLIERS LIST FOR ACTIVE INGREDIENTS

Active Component (Box 10):	Chemical Name: 1,3,5-Triazine-2,4,6-triamine, N-cyclopropyl- CASRN: 66215-27-8			
% Purity (Box 13b):	97%			
EPA Use Only	#	EPA Registration Number(s) (Box 12)	Suppliers Name(s) and Address(es) (Box 11)	Trade Name(s)
	2	100-632	Domestic Component Supply 2 2 Test Street Suite 2 Any Town 2, California 11112, UNITED STATES	CYROMAZINE TECHNICAL

**Exhibit 5-59: Non–Primary Site/Supplier Relationship PDF Rendering**

### 5.6.4 Chemical Identity Searches

The eCSF application provides chemical identity searches for unregistered ‘Active’ components as well as ‘Inert’ components. Using the search functionality within the ‘Add Component’ pop-up ensures that chemical identities are correct and that chemical tags are properly applied (e.g., for commodity ‘Inert’ components).

When a user chooses to manually enter or alter a chemical identity search result, the application flags the component as having an overridden chemical name and a reason for the override becomes required.

**Exhibit 5-60** shows a screen capture of the chemical identity search in the ‘Add Component’ pop-up:

[\[-\] Hide SRS Search](#)

Search SRS Data ⓘ

CA Index Name

Exactly

Search

Show 10 entries

Systematic Name	Registry Name	PC Code	CASRN	EPA Identifier
<p><u>No Search Results</u></p> <p>There are no search results.</p>				

Showing 0 to 0 of 0 entries

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Next

**Exhibit 5-60: ‘Add Component’ Pop-Up – Chemical Identity Search**

**Navigation:** Select a search criterion (e.g., ‘CASRN’) from the drop-down menu, select a search qualifier from the next drop-down menu (e.g., ‘Exactly’), enter a search term, and finally select the ‘Search’ button.



**Exhibit 5-61** shows a screen capture of chemical identity search results in the ‘Add Component’ pop-up:

[ ] Hide SRS Search

Search SRS Data ⓘ

CA Index Name  Contains  copper

Show  entries

Systematic Name	Registry Name	PC Code	CASRN	EPA Identifier
Phosphonic acid, (1-hydroxyethylidene)bis-, copper(2+) salt (1:1)	Cupric etidronate		50376-91-5	
Sulfuric acid, copper salt, basic	Basic copper sulfate		1344-73-6	
Copper, bis(acetato-kappa.O)diammine-			13822-80-5	
Copper chloride oxide, hydrate	Basic copper chloride	8001	1332-40-7	
Sulfuric acid, copper(2+) salt, basic	Basic cupric sulfate	008101	1332-14-5	
Copper zinc hydroxide sulfate		008102	55072-57-6	
Copper zinc chromate oxide (Cu <sub>15</sub> Zn <sub>10</sub> (CrO <sub>4</sub> ) <sub>6</sub> O <sub>17</sub> ), pentacosahydrate	Copper zinc chromate oxide pentacosahydrate	021003	1344-74-7	
Cadmium calcium copper zinc sulfate chromate	Cadmium calcium copper zinc sulfate chromate	021006	12001-20-6	
Arsonic acid, copper(2+) salt (1:1)	Cupric arsenite	22401	10290-12-7	
C.I. Pigment Green 21	Cupric acetoarsenite	22601	12002-03-8	

Showing 1 to 10 of 79 entries

Previous 1 2 3 4 5 ... 8 Next

**Exhibit 5-61: ‘Add Component’ Pop-Up – Chemical Identity Search Results**

**Navigation:** Review the complete list of search results to identify the desired chemical. Update the display of the search results table by changing the number of displayed results and navigating through results pages as needed. After locating the desired chemical, select the link from the first column of the table to populate the selected chemical identity data into the ‘Add Component’ pop-up.

## 5.7 ‘Certification of Approving Official’ Screen

The ‘Certification of Approving Official’ screen captures information for the Approving Official responsible for the contents of an eCSF file. EPA will contact the listed individual if any questions arise during the review of an eCSF file. A user can either populate contact information from their CDX account or manually complete the fields. The signature and certification block enables only after an entire eCSF file passes global validation. Refer to **Section 4.7.3** for additional information about global validation.

The following fields display on the ‘Certification of Approving Official’ screen:

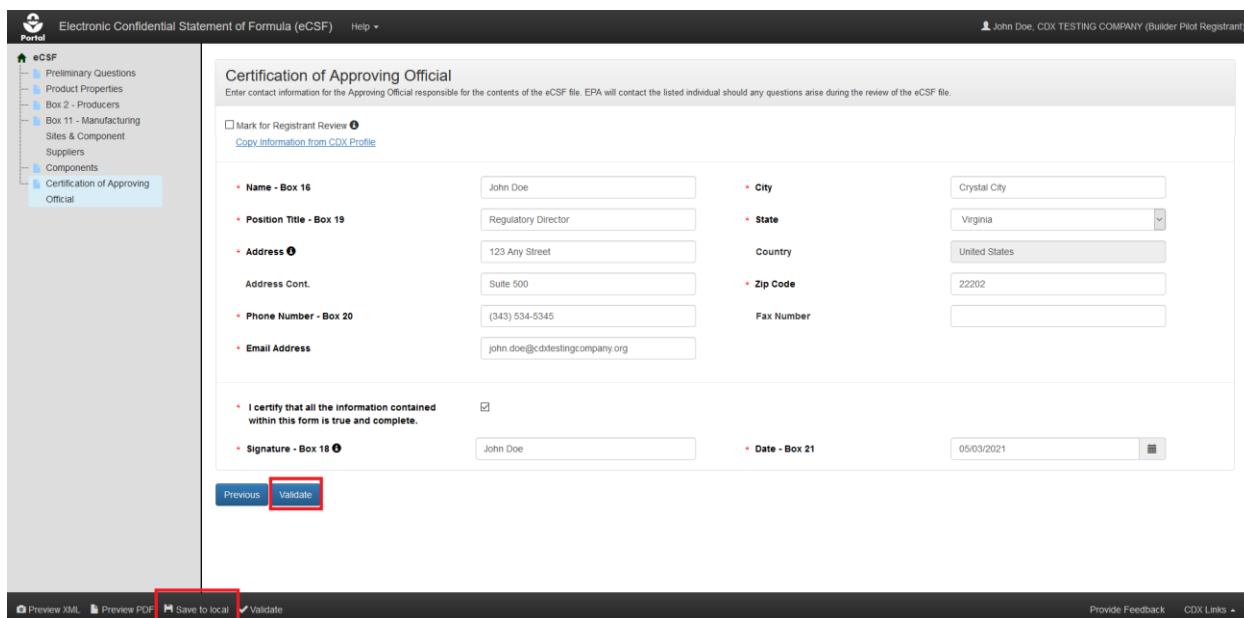
- **Name – Box 16:** Enter the name of the Approving Official certifying the submitted eCSF XML file. This ‘Approving Official’ represents the product’s applicant/registrant, but does not necessarily have to be the same individual submitting via PSP (e.g., a chemist could certify a form and an ‘Authorized Agent’ could submit via PSP). A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is required.
- **Position Title – Box 19:** Enter the Approving Official’s title. This field is required.
- **Address:** Enter the first line of the Approving Official’s address. A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is required.
- **Address Cont.:** Enter the second line of the Approving Official’s address. A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is optional.
- **City:** Enter the city for the Approving Official’s address. A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is required.
- **State:** Select the state for the Approving Official’s address. A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is required.
- **Country:** Only a United States based Approving Official may certify an eCSF XML file and therefore this field is fixed as ‘United States.’
- **Zip Code:** Enter the ZIP Code for the Approving Official’s address. A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is required.
- **Phone Number:** Enter the Approving Official’s phone number. A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is required.
- **Fax Number:** Enter the Approving Official’s fax number. This field is optional.
- **Email Address:** Enter the Approving Official’s email address. A user can populate this field from their CDX account by selecting the ‘Copy Information from CDX Profile’ link. This field is required.

The following fields enable only after an eCSF passes global validation:

- **I certify that all the information contained within this form is true and complete:** Check this box to certify to the validity and accuracy of data contained in the eCSF XML file. This field is required.
- **Signature – Box 18:** Type the Approving Official’s signature. When included in a PSP package, this field is used in conjunction with PSP’s ‘CROMMER eSignature Widget’ to provide a valid electronic signature. This field is required.

- **Date – Box 21:** Provide the date on which the Authorized Official added their signature to an eCSF XML file. This field is required.

**Exhibit 5-62** shows a screen capture of the ‘Certification of Approving Official’ screen:



Electronic Confidential Statement of Formula (eCSF) Help

John Doe, CDX TESTING COMPANY (Builder Pilot Registrant)

**Certification of Approving Official**

Enter contact information for the Approving Official responsible for the contents of the eCSF file. EPA will contact the listed individual should any questions arise during the review of the eCSF file.

☐ Mark for Registrant Review [Copy information from CDX Profile](#)

**Name - Box 16** John Doe **City** Crystal City

**Position Title - Box 19** Regulatory Director **State** Virginia

**Address** 123 Any Street **Country** United States

Address Cont. Suite 500 **Zip Code** 22202

**Phone Number - Box 20** (343) 534-5345 **Fax Number**

**Email Address** john.doe@cdxtestingcompany.org

☒ I certify that all the information contained within this form is true and complete.

**Signature - Box 18** John Doe **Date - Box 21** 05/03/2021

[Previous](#) [Validate](#)

[Preview XML](#) [Preview PDF](#) [Save to local](#) ☒ [Validate](#) [Provide Feedback](#) [CDX Links](#)

**Exhibit 5-62: ‘Certification of Approving Official’ Screen**

**Navigation:** Complete all required fields displayed on the screen, select the ‘Validate’ button to confirm that the entire eCSF XML file passes global validation, and finally select the ‘Save to local’ icon in the application footer to save the completed file to a local drive.

## 6 Including eCSF XML Files in a PSP Package Submission

The eCSF application allows a user to prepare electronic versions of ‘EPA Form 8570-4 – Confidential Statement of Formula’ for submission to EPA. Electronic submission provides efficiencies to both registrants and EPA reviewers due to faster file creation, review, and approval.

**Note:** The eCSF file type is available on the PSP ‘Documents for the Application’ screen for all application/regulatory types within a PSP registration package, except for Distributor Products and Gold Seal Letter Requests.

**Exhibit 6-1** shows a screen capture of how to upload an eCSF file on the ‘Documents for the Application’ screen:

Portal Packages Batch Uploads Help John Doe, CDX TESTING COMPANY (Primary Submitter)

EP-30754

- Package Info
- Package Documents
- Application(s): 1
  - Sec3-New-000001
    - Application Info
    - Application Documents

Documents for the Application

Please submit application-level Document(s) in the following fields.

Total Submission Package File Count: 0, Total Submission Package File Size: 0.0 bytes

Document Type	File Name	Document Date	CBI	MRID	Action(s)
No entries have been added.					

Save Cancel After entering information, please click the 'Save' button to save changes, or please click the 'Cancel' button to discard them.

Package Name

Application Name Sec3-New-000001

Document Type Form

Document Sub-Type 8570-4: eCSF

Document Upload Uploaded: Test eCSF File.xml  
Drop a file to attach, or browse.

Document Date Click on the calendar icon to choose a date ...

Document Group

Contains CBI? ☒ Yes ☐ No

Comment

Mark for Registrant Review ☐

Previous Submit

Click the 'Add' button to upload documents and enter data about the uploaded documents. Click 'Save' to save your changes. Different fields will display based on the chosen document type and sub type.

Save Preview Validate Submit Provide Feedback CDX Links

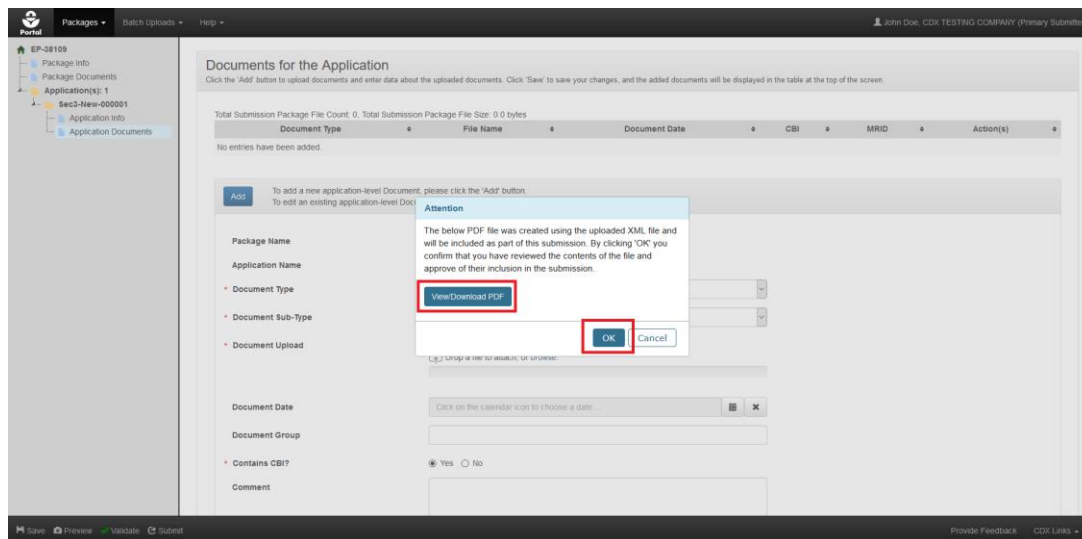
**Exhibit 6-1: ‘Documents for the Application’ Screen – Upload eCSF File**

**Navigation:** Select the ‘Add’ button (not pictured), select ‘Form’ from the ‘Document Type’ drop-down menu, select ‘8570-4: eCSF’ from the ‘Document Sub-Type’ drop-down menu, upload an eCSF XML file, indicate whether the eCSF file contains CBI, and finally select the ‘Save’ button to save the file to the application.

The application performs a validation check on the uploaded eCSF XML file when a user selects the ‘Save’ button. If the file passes validation, a pop-up will display indicating that PSP is generating a PDF rendering of the eCSF XML file for inclusion in the submission.

**Important:** The rendered PDF becomes part of the official package submission and must be paired with an eCSF XML file. Therefore, it is imperative that a registrant reviews the contents of the rendered PDF before selecting the ‘OK’ button.

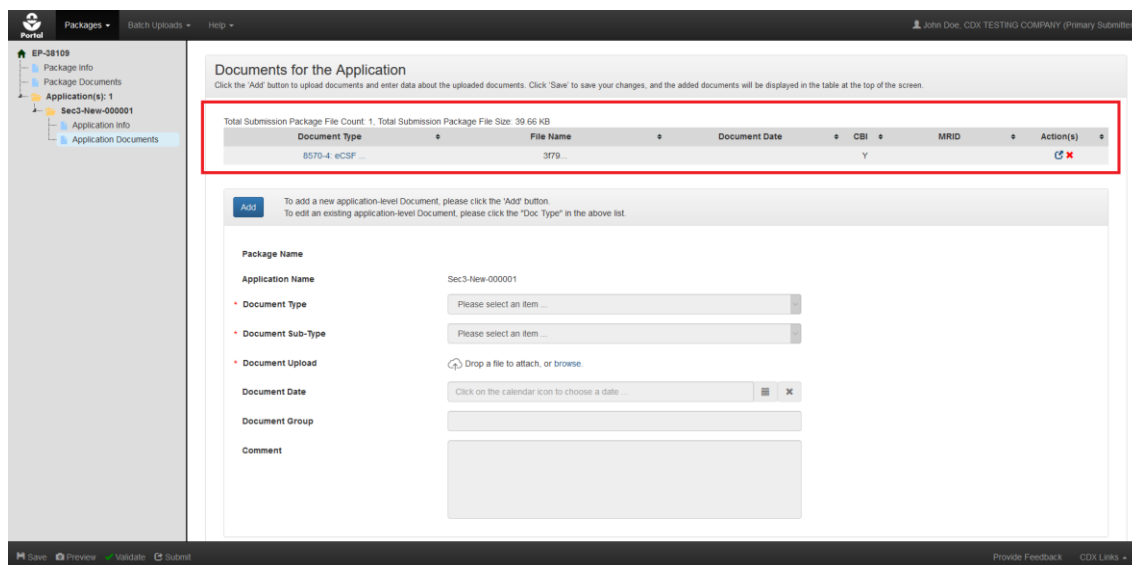
**Exhibit 6-2** shows a screen capture of the ‘PDF Rendering’ pop-up for an uploaded eCSF file:



**Exhibit 6-2: ‘Documents for the Application’ Screen – ‘PDF Rendering’ Pop-Up**

**Navigation:** Select the ‘View/Download PDF’ button to view a PDF rendering of the uploaded eCSF XML file, review the PDF rendering for completeness and accuracy, and finally, only if the rendering is correct, select the ‘OK’ button.

**Exhibit 6-3** shows a screen capture of the ‘Documents for the Application’ screen with a successfully uploaded eCSF XML file and PDF rendering:

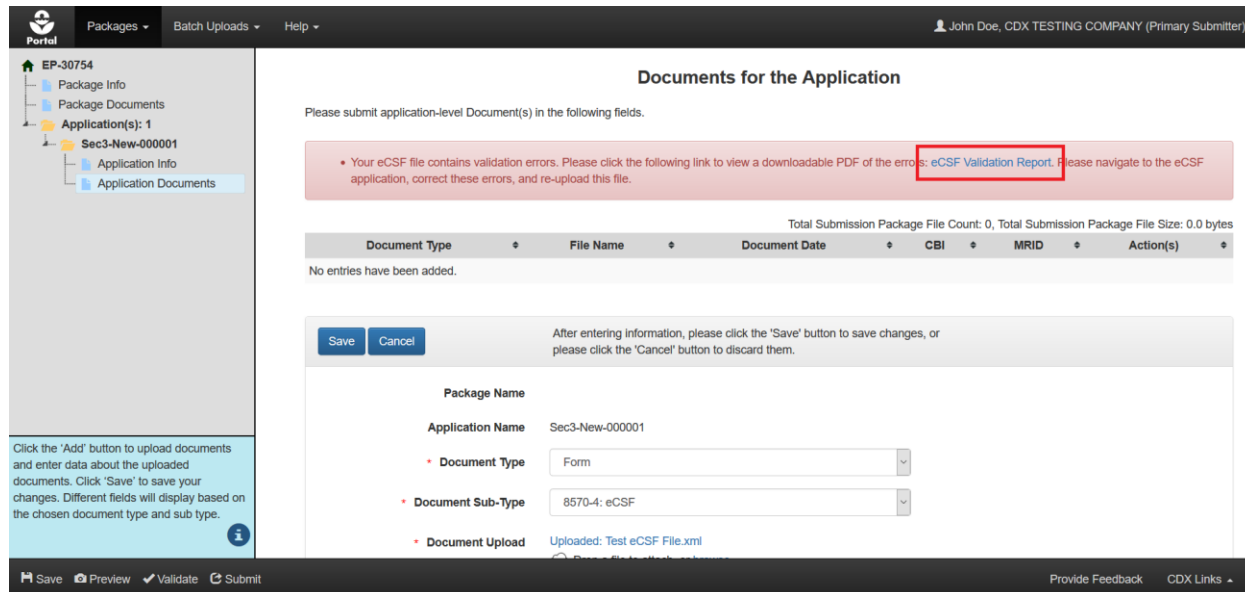


**Exhibit 6-3: ‘Documents for the Application’ Screen – Successful Upload**

**Navigation:** Select the ‘View/Download PDF’ button to view a PDF rendering of the uploaded eCSF XML file, review the PDF rendering for completeness and accuracy, and finally, only if the rendering is correct, select the ‘OK’ button.

If an uploaded eCSF XML file is determined to not be in the correct eCSF format and/or contain validation errors, it will not save to the documents table and a corresponding error message will display.

**Exhibit 6-4** shows a screen capture of a validation error message for an uploaded eCSF file:

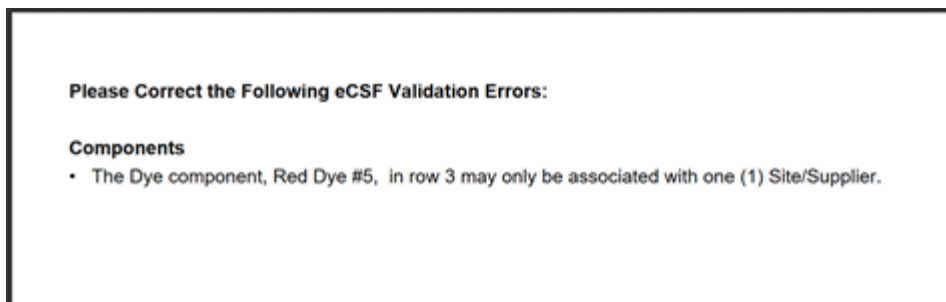


The screenshot shows the 'Documents for the Application' interface. On the left, a sidebar lists the application 'EP-30754' and its documents, including 'Sec3-New-000001'. The main area displays a message: 'Please submit application-level Document(s) in the following fields.' Below this, a red box contains the text: 'Your eCSF file contains validation errors. Please click the following link to view a downloadable PDF of the errors: [eCSF Validation Report](#). Please navigate to the eCSF application, correct these errors, and re-upload this file.' A table below shows no entries have been added. At the bottom, there are fields for 'Package Name', 'Application Name' (Sec3-New-000001), 'Document Type' (Form), 'Document Sub-Type' (8570-4: eCSF), and 'Document Upload' (Uploaded: Test eCSF File.xml).

**Exhibit 6-4: 'Documents for the Application' Screen – eCSF XML File Validation Error Report Link**

**Navigation:** Select the 'eCSF Validation Report' link to access a report detailing the validation errors present within the uploaded eCSF file. A user cannot save an eCSF XML file to a package when it contains validation errors.

**Exhibit 6-5** shows a screen capture of an eCSF Validation Report for an eCSF file:



The screenshot shows the 'eCSF Validation Report' interface. It displays the text: 'Please Correct the Following eCSF Validation Errors:'. Below this, under the heading 'Components', there is a list of errors: 'The Dye component, Red Dye #5, in row 3 may only be associated with one (1) Site/Supplier.'

**Exhibit 6-5: eCSF XML File Validation Report**

**Navigation:** Correct all validation errors detailed in the report and then re-upload the file. Global validation in the eCSF application is the same as the validation applied in PSP; and it is therefore highly recommended that users upload a file that fails PSP validation into the eCSF application to correct errors. Refer to **Section 4.7.3** for additional information about global validation.

## 7 Appendix A – Definitions, Acronyms, and Abbreviations

Acronym	Full Name
CASRN	Chemical Abstracts Registry Number
CBI	Confidential Business Information
CDX	Central Data Exchange
CDXHD	CDX Help Desk
CSF	Confidential Statement of Formula
eCSF	Electronic Confidential Statement of Formula
EPA	United States Environmental Protection Agency
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
IUPAC	International Union of Pure and Applied Chemistry
MRID	Master Record Identification Number
OPP	Office of Pesticide Programs
PDF	Portable Document Format
PSP	Pesticide Submission Portal
XML	Extensible Markup Language

**Exhibit 7-1 Definitions, Acronyms, and Abbreviations**

## 8 Appendix B – Admin Number Information

The EPA registration number ('Admin Number') is required on all pesticide products. The purpose of an 'Admin Number' is to provide a unique product number for regular registrations, distributor registrations, Special Local Needs registrations, and Experimental Use Permits.

The EPA registration number indicates which company holds the registration for a pesticide product and in which sequence a product was submitted by a company to EPA.

Refer to **Exhibit 8-1** for examples of 'Admin Numbers' and note the following:

- CompanyNum = Company Number
- xxSEQxx = Sequence
- Seq = Sequence
- ParentRegNum means = Parent Regulatory Number
- EUP = Experimental Use Permit
- IN = Inert Ingredient Request
- PA = Pre-Application

Regulatory Action	Format	Examples
Product Registration – Section 3	CompanyNum-xxSEQxx	<ul style="list-style-type: none"> <li>• 55050-1</li> <li>• 334-165</li> <li>• 334-ANA (Temporary File Symbol before the product is registered)</li> </ul>
Distributor Product	ParentRegNum-CompanyNum	<ul style="list-style-type: none"> <li>• 2155-40-12319</li> <li>• 3862-140-13103</li> </ul>
Experimental Use Permit - Section 5	CompanyNum-EUP-xxSEQxx	<ul style="list-style-type: none"> <li>• 44544-EUP-2</li> <li>• 45054-EUP-1</li> </ul>
Tolerance Petition	ParentRegNum-CompanyNum	<ul style="list-style-type: none"> <li>• 3F1383</li> <li>• 2G1214</li> <li>• Possible 2nd characters: E,F,G,H,T, based on the Tolerance Petition type</li> </ul>
Inert Ingredient Request	As given below, 2nd character being E,F,G,H,T, based on the tolerance petition type	<ul style="list-style-type: none"> <li>• IN-10606</li> <li>• IN-10559</li> </ul>
Pre-Application	CompanyNumPASeq	<ul style="list-style-type: none"> <li>• 2382PA1</li> <li>• 54022PA16</li> </ul>

**Exhibit 8-1 Admin Number Examples**

R	E	G	U	L	A	T	I	O	N
1	2	3	4	5	6	7	8	9	0

**Exhibit 8-2 File Symbol**