



EPA

United States
Environmental Protection
Agency

New Chemical: Industry Preview

February 16, 2012

Office of Chemical Safety and Pollution Prevention

Agenda

Speaker: Jane Wallace, Information Management Division

- Welcome and Overview
- PMN 2.0 highlights
 - Thin client
 - Interface changes
 - Security
 - Roles
- Questions and Answers
- Closing Remarks

Overview of PMN Changes

Speaker: Dr Kathryn Schechter, EETD/ICB

- Roles
 - Authorized Official
 - Support
- Important to Know:
 - Data elements will not change

PMN Highlights

Speakers: Sue Dose, CGI; Ryan Persaud, CGI

- Key Terms
- PMN Security
- Key Enhancements
- PMN Tool Demo

Key Terms

- Central Data Exchange (CDX)
 - Enables data submissions from industry to the Environmental Protection Agency (EPA)
- Dataflow
 - Item for which users will access for reporting
- Submissions for Chemical Safety and Pesticide Programs (CSPP)
 - Dataflow PMN users will register and use for submission
- Registration
 - If the user has already registered for TSCA or TRI, the user will only need to electronically sign an agreement for CSPP, and then proceed
- Thin Client:
 - Web-based application
- Extensible Markup Language (XML)
 - Language that defines a set of rules for encoding documents to allow users to upload information into the application

Key Terms

- Authorized Official (AO):
 - User who has the ability to authorize and sign a submission
 - Start a form
 - Assign Supports
 - Add/Edit/Delete information on a form
 - Submit a form
 - Retrieve Copy of Record
 - Unlock a form for editing
- Support
 - Enter and edit information for in progress and unlocked forms
- Primary Forms
 - Primary AO and Primary Support
- Secondary Forms
 - Secondary AO and Secondary Support

Key Terms

- Lock/Unlock Form:
 - Lock: The state of a form after being submitted
 - Unlock: Opens form for updates/edits
 - Authorized Official is the only role that submit and unlock a form
 - User is able to unlock a form and make change instead of submitting a separate amendment

PMN Security

- **Submission of PMN Data facilitated via EPA's Central Data Exchange (CDX)**
 - Enables companies to electronically submit data
 - Provides secure exchange of confidential business information (CBI) data
 - Improves security using digital encryption
 - All data is encrypted in transit to Federal Standards
 - Sensitive data is encrypted at rest to Federal Standards
 - All sensitive data remains encrypted at rest until it is behind at least 2-3 Firewalls.

Key Enhancements

- **Multi-session Web Forms**
 - Forms can be completed in more than one session and be easily accessible via multiple computers/users
- **File Integrity**
 - Eliminates local file store, which was the main cause of file corruption
- **Firewall Conflicts**
 - Browser-based form bypasses most firewall issues encountered by the thick client
- **XML Upload Capability**
 - Direct data transfers via XML Upload for companies with their own data collection systems
- **Substance Registration Services Integration**
 - Integrated validation of chemicals utilizing integration with EPA Substance Registry Services
- **In-Form Amendments**
 - No longer a separate amendment process for new submissions
 - Amendments can be completed by unlocking and submitting the new form.
- **Copy of Record (CoR)**
 - Application integration with CDX allows users to know when EPA received the submission. If the CoR icon appears, EPA has received the file
- **Joint Submission Enhancement**
 - Joint submissions can be completed separately and independently using designated roles



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PMN Tool Demo

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Interface Changes

Forms Screen



SECTION 5 NOTICES AND SUPPORTS FORMS

If responding to an order for the first time in PMN, click the **Form Type** from the drop-down menu located under the below table.

To edit an **In Progress** form, click the site link in the **Alias** column in the table below.

To access and edit a form previously **Submitted** through CDX, unlock the form by clicking the lock icon and enter the passphrase when prompted. All additional changes made to the form will be submitted as an amendment.

To download a Copy of Record for a submitted order, click the **green arrow** icon and enter the passphrase when prompted.

| Alias | Type | Subtype | Case Number | Status | Last Modified | Submission Date | Copy of Record | Action |
|------------------------------------|----------------|--------------------|-------------|-------------|---------------|-----------------|----------------|--------|
| P-2011.12.25-14.25 | Premanufacture | PMN | P-65-1846 | Submitted | 01/03/2011 | 01/03/2011 | | |
| Support #3 | Support | Withdrawal Request | P-65-1846 | Submitted | 03/01/2011 | 03/09/2011 | | |
| Methane NOC | NOC | NOC | P-65-1846 | In Progress | 06/01/2011 | | | |
| Biotech | Biotech | MCA N | | In Progress | 03/01/2011 | | | |

Select the form type and then click **Start New Form**

Form Type:

[Start New Form](#)

Interface Changes

User Management Screen

USER MANAGEMENT

The Authorized Official is responsible for restricting a Support's access to select forms by assigning or unassigning them to each form. The Support can access and edit only those forms for which the Authorized Official has granted access. Select an alias from the Select Alias drop-down menu, and assign a Support(s) to the form by highlighting the individual and clicking the **add** link. To unassign a Support, highlight the individual and click the **remove** link. To highlight and assign or unassign multiple Supports, hold down the **Ctrl** or **Shift** keys on the keyboard and click each Support before moving. You must click the **Save** button after each assignment.

Select the alias of the form to manage:

Form Information

| | |
|-----------------------|-------------------|
| Form Alias: | PMN for Company A |
| TS Number: | A1F1G5 |
| Form Type: | Premanufacture |
| Form SubType: | PMN |
| Last Modified: | 03/01/2011 16:13 |

Assign Supports

| Unassigned | | Assigned |
|---|---|----------------------|
| <input type="text" value="jim (ID: 12345) bob (ID: 12346) mary (ID: 12347)"/> | add >> << remove | <input type="text"/> |

[Save](#)



Interface Changes

Create Passphrase Screen



CREATE PASSPHRASE

Please create a passphrase that is minimum of 8 characters and maximum of 20 characters in length. To better protect your account, your passphrase should contain a combination of letters and numbers. Your passphrase may include spaces, but should not contain special characters (for example, +, ?, and *).

New Passphrase:

Confirm New Passphrase:

A passphrase can only be created by an Authorized Official for an individual form. Your passphrase will be used as an encryption key to protect the contents of your data. As an Authorized Official, you are responsible for remembering your passphrase and distributing it to only authorized Supports.

Note: You will be responsible for remembering the passphrase and distributing it to only authorized Supports for an individual form. If you forget the passphrase, you will not be able to access the Section 5 Notice or Support form to print, submit, or make changes.

Cancel

Next

Interface Changes

Section B.1- Class 1 or 2 Chemical Substances Screen

Navigator

- General Instructions
- Certification
- Part I - Section A - Submitter ID
- Section B - Chemical ID Info
 - 1. Class 1 or 2 Chemical Substances**
 - 2. Polymers
 - Chemical ID Info -- Continued
- Section C - Production, Import & Use Info
- Part II - Human Exposure & Env. Release
 - Section A - Submitter Controlled Sites
 - Section B - Other Controlled Sites
- Optional Pollution Prevention
- Part III - List of Attachments
- Physical & Chemical Properties Worksheet
- Optional Cover Letter

Part I -- GENERAL INFORMATION -- Continued

Section B -- Chemical Identity Information

1. Class 1 or 2 Chemical Substances

a. Class of Substance Class 1 Class 2 CBI

b. Chemical Name CBI

CAS Registry Number (if a number already exists for the substance)

c. ID Method Method 1 (CAS Inventory Expert Service) Method 2 (Other Sources)

IES Order #

Check here to include an attachment for the ID Method

d. Molecular Formula CBI

e. Chemical Structure Diagram CBI [Attach File]

Premanufacture NoticePrimary Authorized Official
P-2011.12.25-14.25

- Polymers Identification Information
- Monomers and Other Reactants
- Additional Chemical Information
- Production and Hazard Information
- Use Information
- Physical & Chemical Properties**
 - Physical & Chemical Properties Worksheet
 - Physical & Chemical Properties Worksheet - Other
- Copy
- Remove

Add Consolidated Chemical**Site Identification**

- Submitter Controlled Sites
- Other Controlled Sites

Submitter Controlled Operations

- Operation 1**
 - Operation Information
 - Operation Information p.2
 - Operation Information p.3
- Remove

Add Operation**Other Operations**

- Operation 2**
 - Operation Information
 - Operation Information

Premanufacture Notice > Class 1 or 2 Substances

SECTION B.1 - CLASS 1 OR 2 CHEMICAL SUBSTANCES**B.1. Class 1 or 2 Chemical Substances****Chemical Identification**[Expand All](#) | [Collapse All](#)

[Edit](#) ✕

B.1.a. Class of Substance: Class 1 Class 2 CBI:

Click the button below to search EPA's Substance Registry Services (SRS) for the desired chemical.

CASRN:
Chemical Name:
CBI:

B.1.c. ID Method: CBI:

Method 1 (CAS Inventory Expert Service) Method 2 (Other Method)

Include an attachment for the ID Method below (optional).

B.1.d. Molecular Formula: CBI:

B.1.e. Chemical Structure Diagram:
Include an attachment for the chemical structure diagram below.

Click here to add a new chemical component 

Validate



Save



Preview



Submit

Interface Changes

Substance Registry Services Search Screen

SUBSTANCE REGISTRY SERVICES SEARCH

Enter the specific or partial, currently correct Chemical Abstracts (CA) Index name as listed on the TSCA Inventory and/or the exact corresponding Chemical Abstract Services Registry Number (CASRN). Click Search and select the appropriate CA Index name/CASRN combination from EPA's Substance Registry Services (SRS).

Please search by CASRN or CA Index Name

1. CASRN:

Matches exactly

2. CA Index Name or Other Synonym:

Contains

Search

Manual Entry

Chemical Name:

CASRN:

OK

Interface Changes

Section C.2 Use Information Screen



Navigator

- General Instructions
- Certification
- Part I - Section A - Submitter ID
- Section B - Chemical ID Info
 - 1. Class 1 or 2 Chemical Substances
 - 2. Polymers
 - Chemical ID Info -- Continued
 - Section C - Production, Import & Use Info**
- Part II - Human Exposure & Env. Release
 - Section A - Submitter Controlled Sites
 - Section B - Other Controlled Sites
- Optional Pollution Prevention
- Part III - List of Attachments
- Physical & Chemical Properties Worksheet
- Optional Cover Letter

Part I -- GENERAL INFORMATION -- Continued

Section C -- Production, Import, and Use Information

1. Production Volume ?

| | | | |
|--|--|--------------------------|--------------------------|
| Maximum first 12-month production (kg/yr) (100% new chemical substance basis) | Maximum 12-month production (kg/yr) (100% new chemical substance basis) | CBI | Binding Option |
| <input type="text"/> kg/yr | <input type="text"/> kg/yr | <input type="checkbox"/> | <input type="checkbox"/> |

Check here to include an attachment for the production volume

2. Use Information ?

a. Use Information Table

| Category of Use (1) | CBI (2) | Bind (3) | Production % (4) | CBI (5) | % in formulation (6) | CBI (7) | % Site Limited (8) |
|--|---------|----------|------------------|---------|----------------------|---------|--------------------|
| <div style="border: 1px solid gray; width: 100%; height: 100%;"></div> | | | | | | | |

b. Generic use description ?

Check here to include an attachment for the generic use description

3. Hazard Information

Include in the notice a copy or reasonable facsimile of any hazard warning statement, label, material safety data sheet, or other information which will be provided to any person who is reasonably likely to be exposed to this substance regarding protective equipment or practices for the safe handling, transport, use, or disposal of the new substance. List in Part III

SECTION C.2 - USE INFORMATION

Select **Add Use** to populate a table where multiple uses are displayed.

If a use is claimed as confidential, the **Generic Use Description** must be completed.

As you add use information, it will appear below. Click on the category of use to hide details. (Click on it again to show those details). Click the **X** to remove a line of use information.

[Expand All](#) | [Collapse All](#)

[Edit](#) **X**

Category of Use: CBI: Binding:
(by function and application i.e. a dispersive dye for finishing polyester fibers)

Production %: % CBI:

% in Formulation: % CBI:

% of substance expected per use: CBI: Binding:

| | |
|---------------|--------------------------|
| Site Limited: | <input type="text"/> 0 % |
| Consumer*: | <input type="text"/> 0 % |
| Industrial: | <input type="text"/> 0 % |
| Commercial: | <input type="text"/> 0 % |
| <hr/> | |
| Total: | 0 % |

* If you have provided a "consumer" use, provide details:



Closing Remarks, Q&A

- Closing Remarks
- Questions and Answers