Plan Summary Preview

Company Details

Company Legal Name:
Fort Dearborn Company

Company Address:
128 Oak Street West, Leamington (Ontario)

Report Details

Facility:
Fort Dearborn Company

Facility Address:
128 Oak Street West, Leamington (Ontario)

Update Comments:

Activities

Facility Contacts

Public Contact:
Peter Hack

Highest Ranking Employee:
Tony Policella

Person responsible for preparing the toxic substance reduction plan:
Peter Hack

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name:
Fort Dearborn Company

Company Trade Name:
Fort Dearborn
Business Number:* 848947198

Mailing Address
Delivery Mode: Suburban Services
PO Box
Rural Route Number
Address Line 1 128 Oak Street West
City* Leamington
Province/Territory** Ontario
Postal Code:** N8H2B6

Physical Address
Address Line 1 128 Oak Street West
City Leamington
Province/Territory Ontario
Postal Code N8H2B6
Additional Information
Land Survey Description
National Topographical Description

Parent Companies
Fort Dearborn Company
Company Legal Name:* Fort Dearborn Company
Percentage owned:* 100.00
Business Number:* 848947198

Mailing Address
Delivery Mode: Suburban Services
Physical Address

<table>
<thead>
<tr>
<th>Address Line 1</th>
<th>1530 Morse Avenue</th>
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<tbody>
<tr>
<td>City</td>
<td>Elk Grove Village</td>
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<td>Province/Territory</td>
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<td>Land Survey Description</td>
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<td>National Topographical Description</td>
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Facility Validation

Facility Information

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<tr>
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Mailing Address

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<tr>
<td><strong>Physical Address</strong></td>
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<td>----------------------</td>
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</tr>
<tr>
<td><strong>Address Line 1</strong></td>
<td>128 Oak Street West</td>
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<tr>
<td><strong>City</strong></td>
<td>Leamington</td>
</tr>
<tr>
<td><strong>Province/Territory</strong></td>
<td>Ontario</td>
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<tr>
<td><strong>Public Contact:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>First Name:</strong></td>
<td>Peter</td>
</tr>
<tr>
<td><strong>Last Name:</strong></td>
<td>Hack</td>
</tr>
</tbody>
</table>
Position:* Quality Systems Manager
Telephone:* 5193265775
Ext: 1250
Fax: 5193265652
Email:* phack@fortdearborn.com

Mailing Address
Delivery Mode: Suburban Services
PO Box
Rural Route Number
Address Line 1 128 Oak Street West
City* Leamington
Province/Territory** Ontario
Postal Code:** N8H 2B6

Highest Ranking Employee:
First Name:* Tony
Last Name:* Policella
Position:* General Manager
Telephone:* 5193265775
Ext: 1227
Fax: 5193261398
Email:* tpolicella@fortdearborn.com

Mailing Address
Delivery Mode: Suburban Services
Person responsible for the Toxic Substance Reduction Plan preparation:

First Name:* Peter

Last Name:* Hack

Position:* Quality Systems Manager

Telephone:* 5193265775

Ext: 1250

Fax: 5193265652

Email:* phack@fortdearborn.com

Mailing Address

Delivery Mode: Suburban Services

PO Box

Rural Route Number

Address Line 1 128 Oak Street West

City* Leamington

Province/Territory** Ontario

Postal Code:** N8H 2B6
Employees

Number of Full-time Employees:* 

200

Substances

1330-20-7, Xylene (all isomers)

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?*

Yes

If ‘yes’, provide the exact statement of intent:**

Fort Dearborn is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If ‘no’, what rationale is specified in the plan for not using less of this substance?**

Creation

Does the plan include a statement that stipulates the owner or operator’s intent to create less of this toxic substance at their facility?*

No

If ‘yes’, provide the exact statement of intent:**

If ‘no’, what rationale is specified in the plan for not creating less of this substance?**

not created

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*
Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

**Toxic Substance Use Targets**

**Reduction target:**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
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</thead>
<tbody>
<tr>
<td>❌ No target</td>
<td>or</td>
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**Timeframe target:**

<table>
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<td>years</td>
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**Description of use targets:**

**Toxic Substance Creation Targets**

**Reduction target:**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
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<tbody>
<tr>
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**Timeframe target:**

<table>
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<th>Quantity</th>
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<tbody>
<tr>
<td>❌ No target</td>
<td>or</td>
<td>years</td>
</tr>
</tbody>
</table>

**Description of creation targets:**

**Reasons for Using this Toxic Substance**

This substance is used at the facility:

- Ancillary other use

Summarize why this substance is used at the facility:

- as a component of cleaning solvents for printing blankets and rollers

**Reasons for Creating this Toxic Substance**

This substance is created at the facility:
Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Materials or feedstock substitution
Product design or reformulation
Equipment or process modifications
Spill or leak prevention
On-site reuse, recycling or recovery
Improved inventory management or purchasing techniques
Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

employees use minimum solvent for cleaning and keep containers closed

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*

TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*

TSRP0092

Which version of the plan is reflected in this summary?*

New Plan

This substance is not created at the facility

Summarize why this substance is created at the facility:**

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:**

no technically and economically feasible options are available

Does the plan specify that no toxic reduction option will be implemented?*

Yes
64742-48-9, Hydrotreated heavy naphtha

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?*

Yes

If ‘yes’, provide the exact statement of intent:**

Fort Dearborn is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If ‘no’, what rationale is specified in the plan for not using less of this substance?**

Creation

Does the plan include a statement that stipulates the owner or operator’s intent to create less of this toxic substance at their facility?*

No

If ‘yes’, provide the exact statement of intent:**

If ‘no’, what rationale is specified in the plan for not creating less of this substance?:**

not created

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*  
Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Toxic Substance Use Targets

Reduction target:*  

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**Timeframe target:**

- ☑ No target
- or [ ] years

Description of use targets:

**Toxic Substance Creation Targets**

**Reduction target:**

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- ☑ No target
- or [ ] years

**Timeframe target:**

- ☑ No target
- or [ ] years

Description of creation targets:

**Reasons for Using this Toxic Substance**

This substance is used at the facility:

- Ancillary other use

Summarize why this substance is used at the facility:

as part of a solvent blend used for cleaning printing blankets and rollers

**Reasons for Creating this Toxic Substance**

This substance is created at the facility:

- This substance is not created at the facility

Summarize why this substance is created at the facility:

**Toxic Reduction Options for Implementation**

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?
Yes

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:**

no technically and economically feasible option is available

Materials or feedstock substitution
Product design or reformulation
Equipment or process modifications
Spill or leak prevention
On-site reuse, recycling or recovery
Improved inventory management or purchasing techniques
Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

employees use minimum solvent for cleaning and keep containers closed

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*

TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*

TSRP0092

Which version of the plan is reflected in this summary?*

New Plan

64742-89-8, Solvent naphtha light aliphatic

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?*
Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Toxic Substance Use Targets

Reduction target:*  

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Timeframe target:*  

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Description of use targets:
Toxic Substance Creation Targets

Reduction target:*

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<th>Quantity</th>
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Timeframe target:*

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<tr>
<td>☒ No target</td>
<td>or</td>
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</table>

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:*

Ancillary other use

Summarize why this substance is used at the facility:**

as part of a solvent blend for cleaning printing blankets and rollers

Reasons for Creating this Toxic Substance

This substance is created at the facility:*

This substance is not created at the facility

Summarize why this substance is created at the facility:**

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?*

Yes

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:**

no technically and economically feasible option is available

Materials or feedstock substitution
Product design or reformulation
Equipment or process modifications
Spill or leak prevention
On-site reuse, recycling or recovery
Improved inventory management or purchasing techniques
Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

employees use minimum solvent for cleaning and keep containers closed

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*
TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*
TSRP0092

Which version of the plan is reflected in this summary?*
New Plan

64742-95-6, Light aromatic solvent naphtha

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?*
Yes

If ‘yes’, provide the exact statement of intent:**
Fort Dearborn is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If ‘no’, what rationale is specified in the plan for not using less of this substance?**
Creation

Does the plan include a statement that stipulates the owner or operator’s intent to create less of this toxic substance at their facility?*

No

If ‘yes’, provide the exact statement of intent:**

If ‘no’, what rationale is specified in the plan for not creating less of this substance?:**

not created

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Toxic Substance Use Targets

Reduction target:*

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<tr>
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Timeframe target:*

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Description of use targets:

Toxic Substance Creation Targets

Reduction target:*

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</table>
Timeframe target:

☑ No target or ______ years

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:

Ancillary other use

Summarize why this substance is used at the facility:

as part of a solvent blend for cleaning printing blankets and rollers

Reasons for Creating this Toxic Substance

This substance is created at the facility:

This substance is not created at the facility

Summarize why this substance is created at the facility:

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?

Yes

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:

no technically and economically feasible option is available

Materials or feedstock substitution
Product design or reformulation
Equipment or process modifications
Spill or leak prevention
On-site reuse, recycling or recovery
Improved inventory management or purchasing techniques
Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:
employees use minimum solvent for cleaning and keep containers closed

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*
TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*
TSRP0092

Which version of the plan is reflected in this summary?*
New Plan

67-56-1, Methanol

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?*
Yes

If ‘yes’, provide the exact statement of intent:**
Fort Dearborn is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If ‘no’, what rationale is specified in the plan for not using less of this substance?**

Creation

Does the plan include a statement that stipulates the owner or operator’s intent to create less of this toxic substance at their facility?*


Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Toxic Substance Use Targets

Reduction target:*  

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Timeframe target:*  

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Description of use targets:

Toxic Substance Creation Targets

Reduction target:*  

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<th>Unit</th>
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Timeframe target:*  

<table>
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<th>Unit</th>
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</thead>
<tbody>
<tr>
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<td>or years</td>
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Description of creation targets:
### Reasons for Using this Toxic Substance

This substance is used at the facility:

- Ancillary other use

Summarize why this substance is used at the facility:

- as a solvent blend used for cleaning printing blankets and rollers

### Reasons for Creating this Toxic Substance

This substance is created at the facility:

- This substance is not created at the facility

Summarize why this substance is created at the facility:

### Toxic Reduction Options for Implementation

#### Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?

- Yes

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:

- no technically and economically feasible option is available

### Materials or feedstock substitution

### Product design or reformulation

### Equipment or process modifications

### Spill or leak prevention

### On-site reuse, recycling or recovery

### Improved inventory management or purchasing techniques

### Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:
employees use minimum solvent for cleaning and keep containers closed

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*

TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*

TSRP0092

Which version of the plan is reflected in this summary?*

New Plan

67-63-0, Isopropyl alcohol

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?*

Yes

If ‘yes’, provide the exact statement of intent:**

Fort Dearborn is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If ‘no’, what rationale is specified in the plan for not using less of this substance?**

Creation

Does the plan include a statement that stipulates the owner or operator’s intent to create less of this toxic substance at their facility?*

Yes

If ‘yes’, provide the exact statement of intent:**

Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs. Alcohol will be eliminated from the fountains of the one remaining press that still uses alcohol.

If ‘no’, what rationale is specified in the plan for not creating less of this substance?**
Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs. Alcohol will be eliminated from the fountains of the one remaining press that still uses alcohol.

Toxic Substance Use Targets

Reduction target:*

<table>
<thead>
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Timeframe target:*

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<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
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<td>or 1 years</td>
</tr>
</tbody>
</table>

Description of use targets:

Decrease in usage and emissions of isopropyl alcohol of 7,300kg in 2013 or 75% of the alcohol used in fountains, 61% of the total used in the facility.

Toxic Substance Creation Targets

Reduction target:*

<table>
<thead>
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<th>Quantity</th>
<th>Unit</th>
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<tbody>
<tr>
<td>☒ No target</td>
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Timeframe target:*

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<tr>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ No target</td>
<td>or years</td>
</tr>
</tbody>
</table>

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:*
As a physical or chemical processing aid

Summarize why this substance is used at the facility:**
alcohol is added to the fountain of the printing press to wet the printing plate in the non-image areas

Reasons for Creating this Toxic Substance

This substance is created at the facility:*

This substance is not created at the facility

Summarize why this substance is created at the facility:**

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?*

No

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:**

Materials or feedstock substitution

Substituted materials

Which activities will be undertaken to implement these reduction options?

Select an option:*

Substituted materials

Describe the option:*

alcohol will be replaced by an alcohol-substitute

Estimates

Estimate of the amount by which the <strong>use</strong> of the toxic substance at the facility will be reduced as a result of implementing the option:

☐ N/A  

7.3 tonnes  61 %

Estimate of the amount by which the <strong>creation</strong> of the toxic substance at the facility will be reduced as a result of implementing the option:
Estimate of the amount by which the toxic substance *contained in the product* leaving the facility will be reduced as a result of implementing the option:

<table>
<thead>
<tr>
<th>N/A</th>
<th>tonnes</th>
<th>%</th>
</tr>
</thead>
</table>

Estimate of the amount by which the total *releases to air* of the toxic substance at the facility will be reduced as a result of implementing the option:

| 7.3 | tonnes | 61 | % |

Estimate of the amount by which the total *releases to water* of the toxic substance at the facility will be reduced as a result of implementing the option:

<table>
<thead>
<tr>
<th>N/A</th>
<th>tonnes</th>
<th>%</th>
</tr>
</thead>
</table>

Estimate of the amount by which the total *releases to land* of the toxic substance at the facility will be reduced as a result of implementing the option:

<table>
<thead>
<tr>
<th>N/A</th>
<th>tonnes</th>
<th>%</th>
</tr>
</thead>
</table>

Estimate of the amount by which the *disposals on-site* (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:

<table>
<thead>
<tr>
<th>N/A</th>
<th>tonnes</th>
<th>%</th>
</tr>
</thead>
</table>

Estimate of the amount by which the *disposals off-site* of the toxic substance at the facility will be reduced as a result on implementing this option:

<table>
<thead>
<tr>
<th>N/A</th>
<th>tonnes</th>
<th>%</th>
</tr>
</thead>
</table>

Estimate of the amount by which total *recycling off-site* of the toxic substance at the facility will be reduced as a result on implementing this option:

<table>
<thead>
<tr>
<th>N/A</th>
<th>tonnes</th>
<th>%</th>
</tr>
</thead>
</table>

**Timelines**

Anticipated timelines for achieving the estimated reduction of the *use* of the toxic substance:

<table>
<thead>
<tr>
<th>N/A</th>
<th>1</th>
<th>years</th>
</tr>
</thead>
</table>
Anticipated timelines for achieving the estimated reduction of the toxic substance:

- **N/A** years

### Product design or reformulation

### Equipment or process modifications

### Spill or leak prevention

### On-site reuse, recycling or recovery

### Improved inventory management or purchasing techniques

### Good operator practice or training

Rationale for choosing these options for implementation:

It is industry standard best practice to use alcohol replacement in fountains. All other presses have previously been switched.

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

- **none**

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):

- TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):

- TSRP0092

Which version of the plan is reflected in this summary?

- New Plan

### 8042-47-5, White mineral oil

**Substances Section Data**

### Statement of Intent

#### Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?

- Yes
Environment Canada

If ‘yes’, provide the exact statement of intent:**

Fort Dearborn is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If ‘no’, what rationale is specified in the plan for not using less of this substance?**

Creation

Does the plan include a statement that stipulates the owner or operator’s intent to create less of this toxic substance at their facility?*

No

If ‘yes’, provide the exact statement of intent:**

If ‘no’, what rationale is specified in the plan for not creating less of this substance?:**

not created

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Toxic Substance Use Targets

Reduction target:*  

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>❋ No target</td>
<td>or</td>
</tr>
</tbody>
</table>

Timeframe target:*  

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>❋ No target</td>
<td>or</td>
</tr>
</tbody>
</table>

Description of use targets:
Toxic Substance Creation Targets

Reduction target:*

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ No target</td>
<td>or</td>
</tr>
</tbody>
</table>

Timeframe target:*

<table>
<thead>
<tr>
<th>or</th>
<th>years</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ No target</td>
<td></td>
</tr>
</tbody>
</table>

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:* 
For on-site use/processing

Summarize why this substance is used at the facility:***

as part of the solvent blend in printing ink

Reasons for Creating this Toxic Substance

This substance is created at the facility:* 
This substance is not created at the facility

Summarize why this substance is created at the facility:***

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?*

Yes

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:***

no technically or economically feasible option is available

Materials or feedstock substitution
Product design or reformulation
Equipment or process modifications
Spill or leak prevention
On-site reuse, recycling or recovery
Improved inventory management or purchasing techniques
Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:
none

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*
TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*
TSRP0092

Which version of the plan is reflected in this summary?*
New Plan

95-63-6, 1,2,4-Trimethylbenzene

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator’s intent to use less of this toxic substance at their facility?*
Yes

If ‘yes’, provide the exact statement of intent:**

Fort Dearborn is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

If ‘no’, what rationale is specified in the plan for not using less of this substance?**
Creation

Does the plan include a statement that stipulates the owner or operator’s intent to create less of this toxic substance at their facility?*

No

If ‘yes’, provide the exact statement of intent:**

If ‘no’, what rationale is specified in the plan for not creating less of this substance?:**

not created

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

Fort Dearborn has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Toxic Substance Use Targets

Reduction target:*

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
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<td>or</td>
</tr>
</tbody>
</table>

Timeframe target:*

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
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<td>or</td>
</tr>
</tbody>
</table>

Description of use targets:

Toxic Substance Creation Targets

Reduction target:*

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ No target</td>
<td>or</td>
</tr>
</tbody>
</table>
Timeframe target:

- [x] No target

or

[ ] _ years

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:

- Ancillary other use

Summarize why this substance is used at the facility:

as part of the solvent blend used to clean printing blankets and rollers

Reasons for Creating this Toxic Substance

This substance is created at the facility:

- This substance is not created at the facility

Summarize why this substance is created at the facility:

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?

- Yes

If ‘No’, record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If ‘Yes’, explain why no option will be implemented:

- no technically or economically feasible option is available

Materials or feedstock substitution

Product design or reformulation

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery
Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

employees use minimum solvent for cleaning and keep containers closed

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*

TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*

TSRP0092

Which version of the plan is reflected in this summary?*

New Plan
Report Preview

Company Details

Name:
Fort Dearborn Company

Address:
128 Oak Street West, Leamington (Ontario)

Report Details

Report Status:
Update 1 - Submitted

Reporting Period:
2012

Facility Name:
Fort Dearborn Company

Facility Address:
128 Oak Street West, Leamington (Ontario)

Update Comments:
Usage of alcohol was omitted from the report and needs to be added

Activity Details

Applicable Programs

Environment Canada Programs

☑ NPRI - National Pollutant Release Inventory

Partnering Programs

☐ ON MOE TRA - Ontario Ministry of the Environment for the Toxic Reductions Act

☐ ON MOE Reg. 127/01 - Ontario Ministry of the Environment for the Airborne Contaminant Discharge Monitoring and Reporting Regulation

☐ NERM - Chemistry Industry Association of Canada for the National Emission Reduction Masterplan survey

☐ NFPRER - National Framework for Petroleum Refinery Emission Reductions
Contacts

Facility Contacts

Technical Contact:*
Wendy Nadan

Certifying Official (or authorized delegate):*
Tony Policella

Highest Ranking Employee:*
Tony Policella

Person who prepared the report:*
Wendy Nadan, Peter Hack

Company Coordinator (optional):

Public Contact (optional):

Contractor Contact (optional):
Wendy Nadan

If you are an independent contractor or consultant, please enter your company name in the field below:
Nadan Consulting Ltd.

Employee who coordinated the preparation of the Toxics Reduction Plan (required after a plan summary has been submitted):

Employees and Activities

Employees

Number of Employees*
200

Activities

Activities for Which the 20,000-Hour Employee Threshold Does Not Apply: (check all that apply)*
None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene: (check all that apply)*
None of the above

Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs)
Wood preservation using creosote:* No

General Facility Information

NPRI
Is this the first time the facility is reporting to the NPRI (under current or past ownership)?*
No

Is the facility controlled by another Canadian company or companies?*
No

Did the facility report under other environmental regulations or permits?*
No

Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants)?*
Yes

If 'Yes' to reporting for one or more Part 4 substances:Was the facility shut down for more than one week during the year?**
No

Operating Schedule - Days of the Week**

<table>
<thead>
<tr>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
<th>Sun</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
<td>☒</td>
</tr>
</tbody>
</table>

Operating Schedule - Hours**

Usual Number of Operating Hours per day | Usual Daily Start Time (24h) (hh:mm)
24                                           | 00:00

Shutdown Periods**

General Comments for Facility

Comments:
**Verify Facility Information**

**Company Information**

**Company Details**

<table>
<thead>
<tr>
<th>Company Legal Name</th>
<th>Fort Dearborn Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Number</td>
<td>848947198</td>
</tr>
</tbody>
</table>

**Mailing Address**

<table>
<thead>
<tr>
<th>Delivery Mode:</th>
<th>Suburban Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO Box</td>
<td></td>
</tr>
<tr>
<td>Rural Route Number</td>
<td></td>
</tr>
<tr>
<td>Address Line 1</td>
<td>128 Oak Street West</td>
</tr>
<tr>
<td>City*</td>
<td>Leamington</td>
</tr>
<tr>
<td>Province/Territory**</td>
<td>Ontario</td>
</tr>
<tr>
<td>Postal Code:**</td>
<td>N8H2B6</td>
</tr>
<tr>
<td>Country*</td>
<td>Canada</td>
</tr>
</tbody>
</table>

**Facility Information**

<table>
<thead>
<tr>
<th>Facility*</th>
<th>Fort Dearborn Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAICS Id*</td>
<td>323119</td>
</tr>
<tr>
<td>NPRI ID*</td>
<td>0000007340</td>
</tr>
</tbody>
</table>

**Physical Address**

<table>
<thead>
<tr>
<th>Address Line 1</th>
<th>128 Oak Street West</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>Leamington</td>
</tr>
<tr>
<td>Province/Territory</td>
<td>Ontario</td>
</tr>
<tr>
<td>Postal Code</td>
<td>N8H2B6</td>
</tr>
</tbody>
</table>
Country: Canada

Geographical Address
Latitude: 42.04660
Longitude: -82.61800
UTM Zone**: 17
UTM Easting**: 366112
UTM Northing**: 4656265

Facility Contacts

Technical Contact
First Name:* Wendy
Last Name:* Nadan
Position:* Principal
Telephone:* 5199404724
Ext:
Fax:
Email:* wendy@nadanconsulting.com

Mailing Address
Delivery Mode: Suburban Services
PO Box
Rural Route Number
### Certifying Official

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:*</td>
<td>Tony</td>
</tr>
<tr>
<td>Last Name:*</td>
<td>Policella</td>
</tr>
<tr>
<td>Position:*</td>
<td>General Manager</td>
</tr>
<tr>
<td>Telephone:*</td>
<td>5193265775</td>
</tr>
<tr>
<td>Ext:</td>
<td>1227</td>
</tr>
<tr>
<td>Fax:</td>
<td>5193261398</td>
</tr>
<tr>
<td>Email:*</td>
<td><a href="mailto:tpolicella@fortdearborn.com">tpolicella@fortdearborn.com</a></td>
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### Mailing Address

<table>
<thead>
<tr>
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<td></td>
</tr>
<tr>
<td>Address Line 1</td>
<td>128 Oak Street West</td>
</tr>
<tr>
<td>City*</td>
<td>Leamington</td>
</tr>
<tr>
<td>Province/Territory**</td>
<td>Ontario</td>
</tr>
<tr>
<td>Postal Code:**</td>
<td>N8H 2B6</td>
</tr>
<tr>
<td>Country*</td>
<td>Canada</td>
</tr>
<tr>
<td>Contractor Contact</td>
<td></td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>First Name:*</td>
<td>Wendy</td>
</tr>
<tr>
<td>Last Name:*</td>
<td>Nadan</td>
</tr>
<tr>
<td>Position:*</td>
<td>Principal</td>
</tr>
<tr>
<td>Telephone:*</td>
<td>5199404724</td>
</tr>
<tr>
<td>Ext:</td>
<td></td>
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<tr>
<td>Fax:</td>
<td></td>
</tr>
<tr>
<td>Email:*</td>
<td><a href="mailto:wendy@nadanconsulting.com">wendy@nadanconsulting.com</a></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address</th>
<th></th>
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<tbody>
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</tr>
<tr>
<td>Rural Route Number</td>
<td></td>
</tr>
<tr>
<td>Address Line 1</td>
<td>151 Montgomery Boulevard</td>
</tr>
<tr>
<td>City*</td>
<td>Orangeville</td>
</tr>
<tr>
<td>Province/Territory**</td>
<td>Ontario</td>
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<tr>
<td>Postal Code:**</td>
<td>L9W 5C1</td>
</tr>
<tr>
<td>Country*</td>
<td>Canada</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Highest Ranking Employee</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:*</td>
<td>Tony</td>
</tr>
<tr>
<td>Last Name:*</td>
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<td>5193265775</td>
</tr>
<tr>
<td>Ext:</td>
<td>1227</td>
</tr>
<tr>
<td><strong>Person who coordinated the preparation of the Toxics Reduction Plan</strong></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>First Name:</strong></td>
<td>Peter</td>
</tr>
<tr>
<td><strong>Last Name:</strong></td>
<td>Hack</td>
</tr>
<tr>
<td><strong>Position:</strong></td>
<td>Quality Systems Manager</td>
</tr>
<tr>
<td><strong>Telephone:</strong></td>
<td>5193265775</td>
</tr>
<tr>
<td><strong>Ext:</strong></td>
<td>1250</td>
</tr>
<tr>
<td><strong>Fax:</strong></td>
<td>5193265652</td>
</tr>
<tr>
<td><strong>Email:</strong></td>
<td><a href="mailto:phack@fortdearborn.com">phack@fortdearborn.com</a></td>
</tr>
</tbody>
</table>

**Mailing Address**

| **Delivery Mode:** | Suburban Services |
| **PO Box:** |  |
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| **Address Line 1:** | 128 Oak Street West |
| **City:** | Leamington |
| **Province/Territory:** | Ontario |
| **Postal Code:** | N8H 2B6 |
| **Country:** | Canada |
Pollution Prevention

Pollution Prevention Plans

Does the facility have a documented facility-wide pollution prevention plan?*

No

If ‘Yes’

a) Please check all that apply

b) Did the facility update their plan in the current reporting year?

c) Does the plan address substances, energy conservation, or water conservation?

Pollution Prevention Plan Comments

Pollution Prevention Activities

Did the facility complete any pollution prevention activities in the current NPRI reporting year?*

Yes

Selecting "Yes" will initiate the reporting of the specific pollution prevention activities that were completed in the current reporting year on the following screen.

Pollution Prevention Activities

Materials or feedstock substitution

If "Other" is selected, please enter the name of the activity in the field below

Product Design or Reformulation
Equipment or Process Modifications

Spill or Leak Prevention Activities

On-site Re-use, Recycling, or Recovery

Other (specify in comments field)

Improved Inventory Management or Purchasing Techniques

Good Operator Practice or Training
Other Pollution Prevention Activities

If "Other" is selected, please enter the name of the activity in the field below

P2 - On-site Reuse, Recycling, or Recovery
Instituted Recirculation within a Process

Select Substances Impacted

<table>
<thead>
<tr>
<th>Selected</th>
<th>CAS Number</th>
<th>Substance Name</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>□</td>
<td>NA - M16</td>
<td>Volatile Organic Compounds (VOCs)</td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td></td>
</tr>
</tbody>
</table>

This activity resulted in:

General Comments relating to Substances Impacted and Energy and Water Conserved

Other

Select Substances Impacted

<table>
<thead>
<tr>
<th>Selected</th>
<th>CAS Number</th>
<th>Substance Name</th>
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</tr>
</thead>
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<td>Volatile Organic Compounds (VOCs)</td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td></td>
</tr>
</tbody>
</table>
This activity resulted in:

Energy Conservation

General Comments relating to Substances Impacted and Energy and Water Conserved

Substance Details

NA - M16, Volatile Organic Compounds (VOCs)

Substance Reporting Status

Applicable Programs

NPRIDoes this substance meet the criteria specified in the Canada Gazette notice? Selecting "No" indicates voluntary reporting of this substance to the NPRI*

ON MOE TRADoes this substance meet the criteria specified in the Ontario Regulation 455/09 under the TRA? Selecting "No" indicates voluntary reporting of this substance to the ON MOE*

Yes

Would you like to create VOC exit record(s) for this ON MOE TRA substance?*

No

Is this considered the first report for this substance to the ON MOE TRA? (Please select “Help” for further clarification)*

Yes

Comments

General Information

On-site Releases to the Environment

Select the check box below if your facility met the 1 tonne threshold for Part 5 Substances (Speciated VOC).

On-site Releases to the Environment

☑ Did the facility release to air 1 tonne or more of a Part 5 Substance (Speciated VOC)?

TRA Quantifications
Enters the facility (Use), Creation, Contained in Product for ON MOE TRA

Enters the facility (Use)
The amount of substance that enters a process as the substance itself or part of another substance, rolled up at the facility level.

Quantity (Tonnes)

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance Name</th>
<th>Quantity (tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8042-47-5</td>
<td>White mineral oil</td>
<td>14.991</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene</td>
<td>1.715</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (all isomers)</td>
<td>4.584</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>Hydrotreated heavy naphtha</td>
<td>17.152</td>
</tr>
<tr>
<td>64742-89-8</td>
<td>Solvent naphtha light aliphatic</td>
<td>18.938</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Light aromatic solvent naphtha</td>
<td>4.989</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>2.006</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>11.974</td>
</tr>
</tbody>
</table>

Total VOCs Reported 76.349
Volatile Organic Compound (VOC) Breakdown

Details
Enter breakdown values for:
Creation

Total Speciated VOCs
0

VOC Substance list

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance Name</th>
<th>Quantity (tonnes)</th>
</tr>
</thead>
<tbody>
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<td>8042-47-5</td>
<td>White mineral oil</td>
<td>0</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene</td>
<td>0</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (all isomers)</td>
<td>0</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>Hydrotreated heavy naphtha</td>
<td>0</td>
</tr>
<tr>
<td>64742-89-8</td>
<td>Solvent naphtha light aliphatic</td>
<td>0</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Light aromatic solvent naphtha</td>
<td>0</td>
</tr>
</tbody>
</table>
Change in Method of Quantification

☐ There has been a change in the method or combination of methods used to track and quantify the substance during the previous calendar year.

Describe the changes**

Select the reason for change:**

Describe how the change impact tracking and quantification of the substance**

Incidents out of the normal course of events

☐ There have been incidents out of the normal course of events that occurred at the facility during the previous calendar year that affected the results of tracking/quantification of this substance.

Explain how tracking and quantifications were affected**

Significant Process Change

☐ There has been a significant process change at the facility during the previous calendar year.

On-site Releases

Enter the values for releases to air for the substance

<table>
<thead>
<tr>
<th>Substance</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>0</td>
</tr>
<tr>
<td>Isopropyl alcohol</td>
<td>0</td>
</tr>
</tbody>
</table>
## Releases to Air

<table>
<thead>
<tr>
<th>Basis Of Estimate:</th>
<th>Quantity (Tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stack or Point Releases</td>
<td>C - Mass Balance</td>
</tr>
<tr>
<td>Storage or Handling Releases</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Fugitive Releases</td>
<td>E2 - Published Emission Factors</td>
</tr>
<tr>
<td>Spills</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Other Non-point Releases</td>
<td>NA - Not Applicable</td>
</tr>
</tbody>
</table>

Total - Releases to Air: 73.906

## Volatile Organic Compound (VOC) Breakdown

### Details

Enter breakdown values for:

Other Sources (not from Stacks) - Speciated VOCs

Quantity (Tonnes)

73.906

Total VOCs Reported

73.906

Total Speciated VOCs

60.107

### VOC Substance list

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Substance Name</th>
<th>Quantity (tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8042-47-5</td>
<td>White mineral oil</td>
<td>1.049</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Substance</td>
<td>Quantity (Tonnes)</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene</td>
<td>1.544</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (all isomers)</td>
<td>4.527</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>Hydrotreated heavy naphtha</td>
<td>15.437</td>
</tr>
<tr>
<td>64742-89-8</td>
<td>Solvent naphtha light aliphatic</td>
<td>18.938</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>Light aromatic solvent naphtha</td>
<td>4.646</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>2.006</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol</td>
<td>11.96</td>
</tr>
</tbody>
</table>

Total VOCs Reported
73.906

Total Speciated VOCs
60.107

**Enter the values for releases to air for Part 5 VOCs**

**Releases from Other Sources - Speciated VOCs**

<table>
<thead>
<tr>
<th>Other Sources (not from Stacks) - Speciated VOCs</th>
<th>Basis Of Estimate:</th>
<th>Quantity (Tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA - Not Applicable</td>
<td>NA - Not Applicable</td>
<td>73.906</td>
</tr>
</tbody>
</table>

**Breakdown of Annual Releases**

- Distribute Equally

**Monthly Releases**

<table>
<thead>
<tr>
<th>Month</th>
<th>January %</th>
<th>February %</th>
<th>March %</th>
<th>April %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8.38</td>
<td>7.53</td>
<td>8.91</td>
<td>7.90</td>
</tr>
<tr>
<td>May</td>
<td>8.41</td>
<td>8.42</td>
<td>7.61</td>
<td>8.79</td>
</tr>
</tbody>
</table>

Printed on 06/12/2013 2:19:16 PM
Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

No significant change (i.e.

Comments ? (On-Site Releases)

67-63-0, Isopropyl alcohol

Substance Reporting Status

Applicable Programs

NPRIDoes this substance meet the criteria specified in the Canada Gazette notice? Selecting "No" indicates voluntary reporting of this substance to the NPRI*

ON MOE TRADoes this substance meet the criteria specified in the Ontario Regulation 455/09 under the TRA? Selecting "No" indicates voluntary reporting of this substance to the ON MOE*

Yes

Would you like to create an exit record for this ON MOE TRA substance?*

No

Is this considered the first report for this substance to the ON MOE TRA? (Please select “Help” for further clarification)*

Yes

Comments
On-site Releases to the Environment

Indicate if there were On-site Releases, Disposals or Off-site Transfers to the environment by choosing Yes or No from the drop-down boxes beside the questions below.

On-site Releases to the Environment

Was the substance released on-site?*

Yes

If the substance was released on-site and the total quantity released was less than one tonne, select the check-box below:

☐ The substance will be reported as the sum of releases to all media (total of 1 tonne or less).

Disposals and Off-site Transfers for Recycling

Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal?*

No

Is the facility required to report on disposals of tailings and waste rock for the selected reporting period?*

No

Was the substance transferred off-site for recycling?*

No

Nature of Activities*

Manufacture the Substance

Process the Substance

Otherwise Use of the Substance

Ancillary/other use

TRA Quantifications

Enters the facility (Use), Creation, Contained in Product for ON MOE TRA

Enters the facility (Use)

The amount of substance that enters a process as the substance itself or part of another substance, rolled up at the facility level.

Quantity (Tonnes)

11.974
Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Creation
The amount of substance that is created
Quantity (Tonnes)
0

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Contained in Product
The amount of substance contained in product
Quantity (Tonnes)
0

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Change in Method of Quantification

☐ There has been a change in the method or combination of methods used to track and quantify the substance during the previous calendar year

Describe the changes**

Select the reason for change:**

Describe how the change impact tracking and quantification of the substance**

Incidents out of the normal course of events
There have been incidents out of the normal course of events that occurred at the facility during the previous calendar year that affected the results of tracking/quantification of this substance.

Explain how tracking and quantifications were affected**

**Significant Process Change

There has been a significant process change at the facility during the previous calendar year.

**On-site Releases

Enter the values for releases to air for the substance

**Releases to Air

<table>
<thead>
<tr>
<th>Basis Of Estimate:</th>
<th>Quantity (Tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stack or Point Releases</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Storage or Handling Releases</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Fugitive Releases</td>
<td>C - Mass Balance</td>
</tr>
<tr>
<td></td>
<td>11.96</td>
</tr>
<tr>
<td>Spills</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Other Non-point Releases</td>
<td>NA - Not Applicable</td>
</tr>
</tbody>
</table>

**Total - Releases to Air

11.96

**Enter the values for releases to water bodies for the substance

**Releases to Water Bodies

<table>
<thead>
<tr>
<th>Basis Of Estimate:</th>
<th>Quantity (Tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Discharges</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Spills</td>
<td>NA - Not Applicable</td>
</tr>
</tbody>
</table>
Enter the values for releases to land for the substance

Releases to Land

<table>
<thead>
<tr>
<th>Basis Of Estimate:</th>
<th>Quantity (Tonnes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spills</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Leaks</td>
<td>NA - Not Applicable</td>
</tr>
<tr>
<td>Other</td>
<td>NA - Not Applicable</td>
</tr>
</tbody>
</table>

Total - Releases to Land

Total Quantity Released

11.96

Breakdown of Annual Releases

<table>
<thead>
<tr>
<th></th>
<th>Jan - Mar %</th>
<th>Apr - Jun %</th>
<th>Jul - Sep %</th>
<th>Oct - Dec %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total %</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
</tbody>
</table>
Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

- Not applicable (first year reporting this substance)

Comments? (On-Site Releases)

Disposals

Reasons for Changes in Quantities Disposed from Previous Year

Select the applicable reason or reasons.

- Not applicable (first year reporting this substance)

Comments? (Disposals)

Recycling

Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

- Not applicable (first year reporting this substance)

Comments? (Recycling)
12.0 Certification

As of December 6, 2013, I, Tony Policella, certify that I have read the toxic substance reduction plan for VOCs and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Tony Policella, General Manager

Dec 6, 2013

As of November 24, 2013, I, Wendy Nadan certify that I am familiar with the processes at Fort Dearborn that uses VOCs, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated November 30, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Wendy Nadan, Toxic Substance Reduction Planner

November 24, 2013