

Plan Summary Preview

Company Details

Company Legal Name:

Apotex Inc.

Company Address:

150 Signet Drive, Toronto (Ontario)

Report Details

Facility:

Apotex Inc. 150 Signet Drive

Facility Address:

150 Signet Drive, Toronto (Ontario)

Update Comments:

Activities

Select the Facility Contacts

Contacts

Public Contact:*

Elie Betito

Highest Ranking Employee:

Person responsible for Toxic Substance Reduction Plan preparation:

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name:*

Apotex Inc.

Company Trade Name:*

Apotex Inc.

Business Number:*

Mailing Address

Delivery Mode:

PO Box or Rural Route Number:

Address Line 1:

City:

Province/Territory:

Postal Code:

Physical Address

Address Line 1:

City:

Province/Territory:

Postal Code:

Additional Information:

Land Survey Description:

National Topographical Description:

Parent Companies

Apotex Inc.

Company Legal Name:*

Percentage owned:*

Business Number:*

Mailing Address

Delivery Mode:

PO Box or Rural Route Number:

Address Line 1:

City:

Province/Territory:

Postal Code:

Physical Address

Address Line 1:

City:

Province/Territory:

Postal Code:

Additional Information:

Land Survey Description:

National Topographical Description:

Facility Validation

Facility Information

Facility:*

NAICS Id:*

NPRI Id:*

ON Reg 127/01 Id:

Mailing Address

Delivery Mode:

PO Box or Rural Route Number:

Address Line 1:

City:

Province/Territory:

Postal Code:

Physical Address

Address Line 1:	<input type="text" value="150 Signet Drive"/>
City:	<input type="text" value="Toronto"/>
Province/Territory:	<input type="text" value="Ontario"/>
Postal Code:	<input type="text" value="M9L1T9"/>
UTM Zone:	<input type="text" value="17"/>
UTM Easting:	<input type="text" value="617453.5560685011"/>
UTM Northing:	<input type="text" value="4846684.912193055"/>
Latitude:	<input type="text" value="43.76390"/>
Longitude:	<input type="text" value="-79.54080"/>
Additional Information:	<input type="text"/>
Land Survey Description:	<input type="text"/>
National Topographical Description:	<input type="text"/>

Contact Validation

Contacts

Public Contact:

First Name:*	<input type="text" value="Elie"/>
Last Name:*	<input type="text" value="Betito"/>
Position:*	<input type="text" value="Director, Government Relations"/>
Telephone:*	<input type="text" value="4167499300"/>
Ext:	<input type="text" value="7366"/>
Fax:	<input type="text"/>
Email:*	<input type="text" value="ebetito@apotex.com"/>

Mailing Address

Delivery Mode:	<input type="text"/>
PO Box or Rural Route Number:	<input type="text"/>
Address Line 1:	<input type="text" value="200 Barmac Drive"/>
City:	<input type="text" value="Toronto"/>
Province/Territory:	<input type="text" value="Ontario"/>
Postal Code:	<input type="text" value="M9L 2Z7"/>

Employees

Employees

Number of Full-time Employees:*

Substances

67-56-1, Methanol

67-56-1, Methanol

Substances Section Data

Statement of Intent

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?:*

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility:**

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility:**

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?:*

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility:**

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility:**

Objectives, Targets and Description

Objectives

Objectives in plan:*

Use Targets

What is the targeted reduction in use of the toxic substance at the facility?*

	Quantity	Unit
<input checked="" type="checkbox"/> No quantity target	or <input type="text"/>	<input type="text"/>

What is the targeted timeframe for this reduction?*

No timeline target or years

Description of targets:

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility?*

	Quantity	Unit
<input checked="" type="checkbox"/> No quantity target	or <input type="text"/>	<input type="text"/>

What is the targeted timeframe for this reduction?*

No timeline target or years

Description of targets:

Reasons for Use

Why is the toxic substance used at the facility?:*

As a physical or chemical processing aid

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

Production Coating - Used as a carrying agent in the coating process.
Production Cleaning - Used in cleaning activities calling for denatured ethanol (methanol is the component that denatures ethanol).
Laboratories - Used in High-Performance Liquid Chromatography (HPLC) testing.

Reasons for Creation

Why is the toxic substance created at the facility?:*

As a by-product

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

Minimal quantity is produced in combustion of natural gas only.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented:

Is there a statement that no option will be implemented?:*

No

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option.

Explanation of the reasons why no option will be implemented:**

Materials or feedstock substitution

Substituted materials

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?:*

Substituted materials

Describe the option:*

Use a brand of denatured ethanol which does not contain methanol but is denatured using an acceptable alternative substance. The identification of an alternative brand requires that it meet cleaning performance and regulatory compliance criteria.

Estimates

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

N/A tonnes %

Estimate of the amount by which the creation of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

Timelines

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

N/A years

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

N/A years

Product design or reformulation

Modified design or composition

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?:*

Describe the option:*

Estimates

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

N/A tonnes %

Estimate of the amount by which the creation of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

Timelines

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

N/A years

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

N/A years

Changed product specifications

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?:*

Changed product specifications

Describe the option:*

Laboratory testing - In making sample preparation and mobile phase chemists often prepare extra solution for contingency. Implement a standardized contingency amount to minimize preparation volumes.

Estimates

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

N/A tonnes %

Estimate of the amount by which the creation of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

Timelines

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

N/A years

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

N/A years

Other

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?:*

Other

Describe the option:*

Signet Production coating - Scale down coating solution batch quantity for targeted product. Process requires creation of sufficient quantity of coating solution and opportunity exists to reduce 'overage' volume.

Estimates

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

N/A tonnes %

Estimate of the amount by which the creation of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

Timelines

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

N/A years

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

N/A years

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Other

Which activities will be undertaken to implement these reduction options?

Which activities will be undertaken to implement these reduction options?:*

Other

Describe the option:*

Inventory - Manage inventory to eliminate re-testing or expiry of methanol and reduce disposals.

Estimates

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

N/A tonnes %

Estimate of the amount by which the creation of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A tonnes %

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:

N/A 0.12 tonnes 100 %

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:

N/A [] tonnes [] %

Timelines

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

N/A 0.5 years

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

N/A [] years

Good operator practice or training

Rationale for why the listed options were chosen for implementation:

The above options were chosen because they were assessed as being technically and economically feasible.

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan:

[]

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

TSRP0088

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

TSRP0088

What version of the plan is this summary based on?:*

New Plan

APOTEX

ADVANCING GENERICS

150 Signet Drive

Plan Certifications for Methanol

Highest Ranking Employee

I *Jeremy Desai*, certify that, I have read the toxic substance reduction plan dated December 11, 2012 for the toxic substance referred to below, 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.

[Methanol CAS 67-56-1 version 0]



Jeremy Desai
President & C.O.O, Apotex Inc.

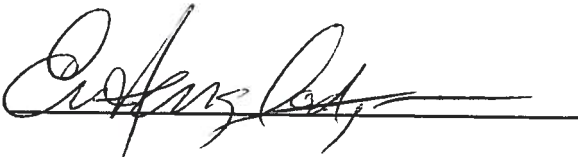
Dec 13th, 2012

Date

Licensed Toxics Reduction Planner

As of December 11, 2012, I *Erin Harrigan Podgaiz*, certify that I have read the versions referred to below of the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents and to my knowledge those versions of the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09.

[Methanol CAS 67-56-1 version 0]



Erin Harrigan Podgaiz
Toxics Reduction Planner, Licence # TSRP0088

December 11, 2012

Date