

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Facility Information

Company Name	Atotech Canada Inc
Facility Name	Burlington Facility
Facility Physical Address	1180 Corporate Drive, Burlington, ON L7L 5R6
Facility Mailing Address	1180 Corporate Drive, Burlington, ON L7L 5R6
Spatial Coordinates of Facility	Latitude: 43.3793 Longitude: -79.7815
Number of Employees	47
NPRI ID	1109
2 Digit NAICS Code	32
4 Digit NAICS Code	3259
6 Digit NAICS Code	325999

#### Parent Company Information

Parent Company Name	Atotech BV
Address	Strijkviertel 35-2 De Meern, 3454 PJ Netherland
Percent Ownership (if available)	100%

#### Facility Contact

Public Contact	Sonya Sommer
Position	HR Manager
Address	1180 Corporate Drive, Burlington, ON L7L 5R6
email	<a href="mailto:sonya.summer@atotech.com">sonya.summer@atotech.com</a>
Phone	289-288-4417
Fax	905-332-0841

#### Date of Summary

Reporting Year	2012
Summary Date	June 1, 2013

#### Phase 1 Toxics Substances Reported

Nickel, Hexavalent Chromium, Formic Acid, Total Phosphorous.

#### Phase 2 Toxics Substances Reported

PM10, PM2.5, Ammonia

#### Copy of Certification:

As of June 1, 2013, I certify that I have read the report on the toxic substance reduction plan(s) for the toxics listed above and am familiar with their contents and to my knowledge the information contained in the report(s) is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

The original version of this report is signed off by:

**Highest Ranking Employee:** Gene Torcoletti

Title: Managing Director



## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	NICKEL (AND ITS COMPOUNDS EXCEPT NICKEL CARBONYL)
CAS #	7440-02-0
Report Date:	30-May-13
Plan Date:	31-Dec-12
Plan Objectives and Targets	We are constantly striving to eliminate the use of toxic substances at the facility. This plan will determine the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time. Preparation of this plan and efforts to implement will contribute to the prevention of pollution and specifically to protection of the health of Ontarians and the local environment.

#### Toxics Substance Accounting and Comparison

Pathways	2011	2012	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>10 to 100	>10 to 100	> -1 to -10	-22%
C - Created	0	0	0	NA
P - In a product that leaves the process	>10 to 100	>10 to 100	> -10 to -100	-52%
Summary of reasons for changes between current year and previous year.	Decrease in production levels			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	<p>On-site reuse or recycling: Corporate authorized selected final product recipes to include the use of tank/equipment rinse water containing nickel in future batch preparations.</p> <p>Training or improved operating practices: Containers are washed out and poured into the batch to minimize the amount of residual materials.</p> <p>Improved inventory management or purchasing techniques: Improved practices that avoid materials becoming obsolete or unusable; therefore reducing use of additional raw materials and reduction of waste generated.</p> <p>Total Reduction (relative to production levels): 5%</p>
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	none
Summary of differences between steps taken and those set out in the plan.	<p>Product design or reformulation: No formula modification to ease batch preparation so that even quantities of raw materials are added proportionately to container size.</p> <p>Spill and leak prevention: No modification to tank tops to ease addition of bagged material - improved housekeeping instead.</p>
Description of amendments to the plan.	none

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	CHROMIUM (VI) COMPOUNDS
CAS #	18540-29-9
Report Date:	30-May-13
Plan Date:	31-Dec-12
Plan Objectives and Targets	We are constantly striving to eliminate the use of toxic substances at the facility. This plan will determine the technical and economic feasibility of each reduction option to determine which, if any, are viable for implementation at this time. Preparation of this plan and efforts to implement will contribute to the prevention of pollution and specifically to protection of the health of Ontarians and the local environment.

#### Toxics Substance Accounting and Comparison

Pathways	2011	2012	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>100 to 1000	>100 to 1000	>10 to 100	17%
C - Created	0	0	0	NA
P - In a product that leaves the process	>100 to 1000	>100 to 1000	>10 to 100	18%
Summary of reasons for changes between current year and previous year.	Increase in Production levels.			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	<p>Onsite reuse or recycling: Corporate authorized selected final product recipes to include the use of tank/equipment rinse water containing hexavalent chromium in future batch preparations.</p> <p>Training or improved operating practices: Containers are washed out and poured into the batch to minimize the amount of residual materials.</p> <p>Spill and leak prevention: Use of a rubber mallet to knock material stuck to lid into batch preparation &amp; use of a secondary measuring container to transport the weighed material to avoid spills.</p> <p>Improved inventory management or purchasing techniques: Improved practices that avoid materials becoming obsolete or unusable; therefore reducing use of additional raw materials and reduction of waste generated.</p> <p>Total Reduction (relative to production levels): 1%</p>
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	none
Summary of differences between steps taken and those set out in the plan.	Product design or reformulation: No formula modification to ease batch preparation so that even quantities of raw materials are added proportionately to container size
Description of amendments to the plan.	none

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	FORMIC ACID
CAS #	64-18-6
Report Date:	30-May-13
Plan Date:	Not applicable.
Plan Objectives and Targets	Not applicable. This is the first year of reporting for this compound.

#### Toxics Substance Accounting and Comparison

Pathways	2011	2012	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)		>10 to 100		
C - Created		0		
P - In a product that leaves the process		>1 to 10		
Summary of reasons for changes between current year and previous year.	NA			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	NA
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	NA
Summary of differences between steps taken and those set out in the plan.	NA
Description of amendments to the plan.	NA

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	Phosphorus, Total
CAS #	--
Report Date:	30-May-13
Plan Date:	Not applicable.
Plan Objectives and Targets	Not applicable. This is the first year of reporting for this compound.

#### Toxics Substance Accounting and Comparison

Pathways	2011	2012	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)		>10 to 100		
C - Created		0		
P - In a product that leaves the process		>10 to 100		
Summary of reasons for changes between current year and previous year.	NA			

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	NA
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	NA
Summary of differences between steps taken and those set out in the plan.	NA
Description of amendments to the plan.	NA

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	Ammonia
CAS #	7664-41-7
Report Date:	1-Jun-13
Plan Date:	Not Applicable
Plan Objectives and Targets	Not applicable. This is the first year of reporting for this compound.

#### Toxics Substance Accounting and Comparison

Pathways	2012
Units reported	tonnes
U - Enters the Process (Raw Materials)	>10 to 100
C - Created	0
P - In a product that leaves the process	>10 to 100
Summary of reasons for changes between current year and previous year.	NA

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	NA
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	NA
Summary of differences between steps taken and those set out in the plan.	NA
Description of amendments to the plan.	NA

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	PM10 - PARTICULATE MATTER <=10MICRONS
CAS #	--
Report Date:	1-Jun-13
Plan Date:	Not Applicable
Plan Objectives and Targets	Not applicable. This is the first year of reporting for this compound.

#### Toxics Substance Accounting and Comparison

Pathways	2012
Units reported	tonnes
U - Enters the Process (Raw Materials)	0
C - Created	>0 to 1
P - In a product that leaves the process	0
Summary of reasons for changes between current year and previous year.	NA

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	NA
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	NA
Summary of differences between steps taken and those set out in the plan.	NA
Description of amendments to the plan.	NA

## Atotech Canada Inc. - Burlington Facility

### Toxics Reduction Public Summary Report

#### Substance Information and Plan Objective

Substance Name	PM2.5 - PARTICULATE MATTER <=2.5MICRONS
CAS #	--
Report Date:	1-Jun-13
Plan Date:	Not Applicable
Plan Objectives and Targets	Not applicable. This is the first year of reporting for this compound.

#### Toxics Substance Accounting and Comparison

Pathways	2012
Units reported	tonnes
U - Enters the Process (Raw Materials)	0
C - Created	>0 to 1
P - In a product that leaves the process	0
Summary of reasons for changes between current year and previous year.	NA

On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <http://www.ec.gc.ca/inrp-npri/default.asp?lang=en>

#### Progress in Implementing Plan

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	NA
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	NA
Summary of differences between steps taken and those set out in the plan.	NA
Description of amendments to the plan.	NA