



CHEMTURA CANADA CO./CIE

West Hill, Ontario

**Annual Toxics Reduction Public Report
Reporting Year 2013**

June 1, 2014

INTRODUCTION

Chemtura Canada Co./Cie West Hill manufactures lubricant additives, fuel additives and lubricating greases. In the process of producing these chemicals, some substances used fall under the toxic reduction act, therefore reduction plans were generated to ensure efficient use of these substances with minimal environmental impact.

As per Ontario's *Toxics Reduction Act and Regulation (O. Reg. 455/09)*, reduction plans were generated for the following substances:

Phase 1 - Methanol
 Sulphuric Acid

Phase 2 - PM 2.5
 PM 10
 Naphtha

These substance reduction plan summaries have been prepared to meet the regulatory requirements under Section 27(1) of Ontario Regulation 455/09.

As of June 1, 2014, I certify that I have read the report on the toxic substance reduction plans for the substances listed above. I am familiar with their contents and to my knowledge the information contained within the report is factually accurate and complies with the Toxics Reduction Act 2009 and Ontario Regulation 455/09 (general) made under the Act.

COMPANY INFORMATION

Canadian Parent: Chemtura Canada Co./Cie.
West Hill Facility
565 Coronation Drive
West Hill, ON M1E 2K3

National Pollutant Release Inventory (NPRI) identification number: 0000003553

Number of full-time employee equivalents: 94

North American Industry Classification System (NAICS) codes:
2 digit - 32
4 digit – 3251
6 digit – 325189

Spatial coordinates in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83):
17-647825-4847189

PUBLIC CONTACT

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METHANOL

CAS # 67-56-1

	2011 (tonnes)	2012 (tonnes)	2013 (tonnes)	% (2013- 2011)	% (2013- 2012)
Use	208	189.296	230.83	11	22
Created	0	0	0	0	0
In Product	0	0.93	1.51	0	62
Release to air	164.91	161.7	161.654	-2	0
Disposed of offsite	3.23	2.68	2.944	-9	10
Offsite for Treatment	38.53	23.7	34.739	-10	47
Offsite for recycled	0.040	0.070	0.182	355	160

Reduction options:

- Spill & leak prevention
- Improved inventory or purchasing techniques
- Training or improved operating practices

Summary of steps taken during the previous calendar year to implement the plan and a summary of the reductions achieved as a result of the steps taken.

Improved inventory or purchasing techniques: Implemented use of a dedicated tanker for delivery so no washouts are required. 0.3 tonnes/year savings to off-site disposal.

Summary of additional actions taken during the previous calendar year that impacted the substance, and a summary of the steps and reductions achieved as a result of those actions.

None

Summary of differences between steps taken and those set out in the plan.

None

Description of amendments to the plan.

None

SULPHURIC ACID

CAS # 7664-93-9

	2011 (tonnes)	2012 (tonnes)	2013 (tonnes)	% (2013- 2011)	% (2013- 2012)
Use	8797	3489.5	3588.47	-59	3
Created	0.002	0	0	-100	0
In Product	0	0	0	0	0
Release to air	0.002	0.002	0.002	0	0
Disposed of offsite	0	0	0	0	0
Offsite for Treatment	0	0	0	0	0
Offsite for recycled	3545	3188.24	3381.69	-5	6

Reduction options:

- Equipment or process modification
- On-site reuse or recycling
- Improved inventory or purchasing techniques
- Training or improved operating practices

Summary of steps taken during the previous calendar year to implement the plan and a summary of the reductions achieved as a result of the steps taken.

None

Summary of additional actions taken during the previous calendar year that impacted the substance, and a summary of the steps and reductions achieved as a result of those actions.

None

Summary of differences between steps taken and those set out in the plan.

None

Description of amendments to the plan.

None

PM 2.5

CAS # NA - M10

	2012 (tonnes)	2013 (tonnes)	% (2013- 2012)
Use	0	0	0
Created	1.36	1.21	-11
In Product	0	0	0
Release to air	1.36	1.21	-11
Disposed of offsite	0	0	0
Offsite for Treatment	0	0	0
Offsite for recycled	0	0	0

Reduction options:

- On-site reuse or recycling
- Training or improved operating practices

Summary of steps taken during the previous calendar year to implement the plan and a summary of the reductions achieved as a result of the steps taken.

None

Summary of additional actions taken during the previous calendar year that impacted the substance, and a summary of the steps and reductions achieved as a result of those actions.

None

Summary of differences between steps taken and those set out in the plan.

None

Description of amendments to the plan.

None

PM 10

CAS # NA - M09

	2012 (tonnes)	2013 (tonnes)	% (2013- 2012)
Use	0	0	0
Created	1.23	1.23	0
In Product	0	0	0
Release to air	1.23	1.23	0
Disposed of offsite	0	0	0
Offsite for Treatment	0	0	0
Offsite for recycled	0	0	0

Reduction options:

- On-site reuse or recycling
- Training or improved operating practices

Summary of steps taken during the previous calendar year to implement the plan and a summary of the reductions achieved as a result of the steps taken.

None

Summary of additional actions taken during the previous calendar year that impacted the substance, and a summary of the steps and reductions achieved as a result of those actions.

None

Summary of differences between steps taken and those set out in the plan.

None

Description of amendments to the plan.

None

Solvent naphtha
light aliphatic

CAS # 64742-89-8

	2012 (tonnes)	2013 (tonnes)	% (2013- 2012)
Use	403.101	398.99	-1
Created	0	0	0
In Product	19.827	19.827	0
Release to air	146.3	204.984	40
Disposed of offsite	62.38	68.529	10
Offsite for Treatment	0	0	0
Offsite for recycled	123.162	137.069	11

Reduction options:

- Product Design or Reformulation
- Equipment or Process Modification
- On-site reuse or recycling
- Training or improved operating practices

Summary of steps taken during the previous calendar year to implement the plan and a summary of the reductions achieved as a result of the steps taken.

None

Summary of additional actions taken during the previous calendar year that impacted the substance, and a summary of the steps and reductions achieved as a result of those actions.

None

Summary of differences between steps taken and those set out in the plan.

None

Description of amendments to the plan.

None