

RUETGERS Canada Inc.

## **Report:**

Ruetgers Canada Inc.  
Toxic Reduction Summary Report - Ammonia

Date: May 25, 2016

## TOXIC SUBSTANCE REDUCTION PLAN SUMMARY

Substance Name and cas #	Ammonia (cas#NA-16)
<b>Facility Identification and Site Address</b>	
Legal Company Name:	RUETGERS Canada Inc.
Facility Name:	RUETGERS Canada Inc.
Facility Address:	725 Strathearne Avenue North, Hamilton, Ontario L8H 5L3
Facility Mailing Address (if different):	Same as above
Spatial Coordinates of Facility:	Latitude: 43.26030                      Longitude -79.79140
Number of Full-time Employees:	80
Facility NPRI ID:	2070
Ontario MOECC ID Number (if assigned):	6330
2 Digit NAICS Code:	32
4 Digit NAICS Code:	3251
6 Digit NAICS Code:	325192 - Other basic organic chemical manufacturing
<b>Parent Company Information</b>	
Name of Parent Company:	RAIN CTP Inc.
Address of Parent Company:	2711 Centreville Road, Wilmington, Delaware
Percentage Ownership of Facility:	100%
<b>Company Contact Information</b>	
Public Contact Name:	Mr. Gord Gilmet
Position / Title:	Technical Manager
Telephone:	(905) 548-5532

<b>Substances for Which Other Plans Have Been Prepared (Name, cas#)</b>			
120-12-7	Anthracene	1319-77-3	Cresol (mixed isomers and their salts)
129-00-0	Pyrene - PAH	91-22-5	Quinoline (and its salts)
189-55-9	Dibenzo(a,i)pyrene - PAH	108-88-3	Toluene
191-24-2	Benzo(g,h,i)perylene - PAH	108-95-2	Phenol (and its salts)
192-97-2	Benzo(e)pyrene - PAH	91-20-3	Naphthalene
193-39-5	Indeno(1,2,3-c,d)pyrene - PAH	1330-20-7	Xylene (all isomers)
194-59-2	7H-Dibenzo(c,g)carbazole - PAH	71-43-2	Benzene
198-55-0	Perylene - PAH	95-63-6	1,2,4-Trimethylbenzene
205-82-3	Benzo(j)fluoranthene - PAH	7446-09-5	Sulphur dioxide
205-99-2	Benzo(b)fluoranthene - PAH	7783-06-4	Hydrogen sulphide
206-44-0	Fluoranthene - PAH	NA - M14	Total Reduced Sulphur (TRS) ***
207-08-9	Benzo(k)fluoranthene - PAH	11104-93-1	Nitrogen oxides (expressed as NO2)
208-96-8	Acenaphthylene - PAH	630-08-0	Carbon monoxide
218-01-9	Benzo(a)phenanthrene - PAH	NA - M09	PM10 - Particulate Matter less than 10 microns
224-42-0	Dibenz(a,j)acridine - PAH	NA - M10	PM2.5 - Particulate Matter less than 2.5 microns
50-32-8	Benzo(a)pyrene - PAH		
53-70-3	Dibenzo(a,h)anthracene - PAH		
56-55-3	Benzo(a)anthracene - PAH		
57-97-6	7,12-Dimethylbenz(a)anthracene - PAH		
83-32-9	Acenaphthene - PAH		
85-01-8	Phenanthrene - PAH		
86-73-7	Fluorene - PAH		
92-52-4	Biphenyl		

### STATEMENT OF INTENT AMMONIA:

RUETGERS does not intend to reduce the use of this toxic substance at the facility. Ammonia is created in the distillation process.

### OBJECTIVE FOR AMMONIA:

This Toxics Reduction Plan identifies reduction opportunities and assesses the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time. RUETGERS will use best efforts to process all raw materials so as to utilize them completely and therefore minimize losses.

### TARGET FOR AMMONIA:

No reduction targets have been established at this time.

## **DESCRIPTION FOR AMMONIA AT THE FACILITY:**

Ammonia (cas#NA-16) is contained within the coal tar materials used at RUETGERS. Ammonia is a Phase II Toxic Substances which requires the development of a Toxic Reduction Plan based on the criteria set out in the Toxics Reduction Act, 2009 and Ontario Regulation 455/09. Ammonia at RUETGERS is used in seven (7) different processes at the facility and is created in one (1) process.

## **TOXIC SUBSTANCE REDUCTION OPTION(S) TO BE IMPLEMENTED:**

No toxic substance reduction options will be implemented for Ammonia which will result in a reduction in the quantity used or contained in product. Ruetgers does plan to implement other projects which will reduce the quantities of ammonia released.

## **PLAN SUMMARY STATEMENT:**

This plan summary accurately reflects the content of the toxic substance reduction plan for:

- Ammonia cas#NA-16

Prepared for Ruetgers Canada Inc., December 19, 2013.

**CERTIFICATION STATEMENTS**



**9. PLAN CERTIFICATION FOR AMMONIA**

As of DEC 20<sup>TH</sup>, 2013, I, Domenic Paolucci, certify that I have read the toxic substance reduction plan 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.

- Ammonia.....cas#NA-16

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Domenic Paolucci, President, CEO

DEC 20, 2013

\_\_\_\_\_  
Date

As of DECEMBER 20, 2013, I, Scott Manser certify that I am familiar with the processes at RUETGERS that use or create the toxic substance referred to below, 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 December 19, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

\_\_\_\_\_  
Scott Manser  
Toxic Substance Reduction Planner  
License No. TSRP0071

DECEMBER 20, 2013

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Date