

2012 Toxics Reduction Plan

INVISTA (Canada) Company – Kingston Site

This Toxic Reduction Plan (TRP) Report is prepared under O.Reg. 455/09 for the **INVISTA (Canada) Company**, Kingston Site. This TRP Report reflects the current version of the INVISTA Kingston Site Toxic Reduction Plans dated December 21, 2012.

For further information regarding INVISTA's corporate responsibility statement and INVISTA's sustainability statement, please visit the following website www.invista.com/en/sustainability/index.html.

Certification Statement- Licensed Planner

As of December 21, 2012, I, [Janet Payette] certify that I am familiar with the processes at INVISTA Kingston Site that use or create the toxic substances 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (general) made under that Act.

Plan Substance	Date of Plan
• Sulphuric Acid (7664-93-9)	December 21, 2012
• Biphenyl (CAS # 92-52-4)	December 21, 2012
• Copper and its Compounds (CAS # NA-06)	December 21, 2012



FACILITY INFORMATION

Legal Name of Company: INVISTA (Canada) Company

Street address:
455 Front Road
Kingston, Ontario
K7L 4Z6

Mailing address:
INVISTA (Canada) Company
P.O. Box 2100
Kingston, ON, K7L 4Z6

The spatial coordinates of the facility expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) are:

Zone: 18 Easting: 375702 Northing: 4897041

In 2011 the site had approximately 900 full time equivalent employees.

The site NPRI ID number is 003422; the Site O.Reg 127/01 ID number was 10793.

The NAICS codes for this facility are:

- NAICS 2 Code: 32 - Manufacturing
- NAICS 4 Code: 3252 - Resin, Synthetic Rubber, and Artificial and Synthetic Fibres and Filaments Manufacturing
- NAICS 6 Code: 325220 - Artificial and Synthetic Fibres and Filaments Manufacturing.

Canadian parent company of the facility (100% responsible for this facility):

INVISTA (Canada) Company
P.O. Box 2100
Kingston, ON, K7L 4Z6

The Site Public Contact:

Paul Brown
Manager of Government & Public Affairs
INVISTA (Canada) Company
613-532-3624

Street address:

455 Front Road
Kingston, Ontario Canada
K7L4Z6

Mailing address:

same as street address

Planner License number for the planner who provided recommendations: TSRP 0162

Planner license number for the certifying planner: TSRP0162

Objectives of Toxics Reduction Plans

Toxic reduction plans have been prepared for all the substances listed in the planner certification statement.

INVISTA Kingston Site does not intend to reduce the use of sulphuric acid on-site, however we will continue to focus on operating the current system responsibly and safely.

INVISTA Kingston Site did not identify any feasible options to reduce the use of biphenyl. We will consider heat transfer fluids that may be developed in the future.

INVISTA Kingston Site did not identify any feasible options to reduce the use of copper. We will consider material substitution options in the future if product specifications requirements change.

Evaluation of Plan Options and Recommendations

Sulphuric Acid

Sulphuric acid is used for two purposes;

1. It is used to aid in treating boiler feed water; specifically, it is used to regenerate ion exchange resin beds where impurities are removed from water prior to the water being used to make steam.
2. It is used to pH adjust sanitary sewer effluent prior to being discharged to a municipal waste water treatment facility.

Kingston site does not intend to reduce the amount of sulphuric acid used, released, created, disposed, transferred or contained in product. Kingston site intends to continue to operate its processes involving sulphuric acid in a safe and responsible manner. Sulphuric acid is not in any of INVISTA's products and Kingston site processes do not create this substance. Kingston site does not dispose of but does transfer sulphuric acid off-site for treatment prior to final disposal. There are no economically or technically feasible options identified in the plan. For this reason, no reduction options will be implemented.

Biphenyl

Biphenyl is a component of "Dowtherm A®" ("Therminol VP - 1"). Dowtherm A® is used as a heat transfer fluid at Kingston site to support polymer production processes.

Kingston site does not intend to reduce the amount of biphenyl used, released, created, disposed, transferred or contained in product. Kingston site intends to continue to operate its processes involving biphenyl in a safe and responsible manner. Biphenyl is not in any of INVISTA's products and Kingston site processes do not create this substance. Kingston site does not dispose of but does transfer biphenyl off-site for treatment prior to final disposal. There are no economically or technically feasible options identified in the plan. For this reason, no reduction options will be implemented.

Copper and its compounds

Copper is a component of several materials used at Kingston site in the production of polymer and fibre. These copper-containing materials are used as ingredients or additives in the production process imparting specific physical or chemical properties to the product.

Kingston site does not intend to reduce the amount of copper used, released, created, disposed, transferred or contained in product. Kingston site intends to continue to operate its processes involving copper in a safe and responsible manner. Copper is contained in many of INVISTA's products, but Kingston site processes do not create this substance. Kingston site does not dispose of but does transfer copper off-site for treatment prior to final disposal. There are no economically or technically feasible options identified in the plan. For this reason, no reduction options will be implemented.

Certification Statement- Highest Ranking Official

As of December 21, 2012, I Steve Kimpton certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

- Sulphuric Acid CAS# 7664-93-9
- Biphenyl CAS# 92-52-4
- Copper (and its compounds) CAS# NA-06



Steve Kimpton
Site Manager
(613) 548-5070