

# 2015 Toxics Reduction Plan Summary

## INVISTA (Canada) Company – Maitland Site

This Toxic Reduction Plan (TRP) Report is prepared under O.Reg. 455/09 for the **INVISTA (Canada) Company**, Maitland Site. This TRP Report reflects the current version of the INVISTA Maitland Site Toxic Reduction Plans dated December 15, 2015.

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](http://www.invista.com/en/sustainability/index.html).

## FACILITY INFORMATION

**Legal Name of Company:** INVISTA (Canada) Company

**Street address:**

1400 County Road #2 East,  
Maitland, ON, K0E 1P0

**Mailing address:**

P.O. Box 611,  
Maitland, ON, K0E 1P0

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

Zone: 18      Easting: 454130      Northing: 4945456

In 2015 the site had approximately 94 full time equivalent employees.

The site NPRI ID number is 1207; the Site O.Reg 127/01 ID number was 5030.

The NAICS codes for this facility are:

- NAICS 2 Code: 32 - Manufacturing
- NAICS 4 Code: 3251 - Basic Chemical Mfg
- NAICS 6 Code: 325190 - Other Basic Organic Chemical Mfg.

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

INVISTA (Canada) Company  
455 Front Road  
Kingston, Ontario Canada  
K7L4Z6

The Site Public Contact:

Paul Brown  
Manager of Government & Public Affairs  
INVISTA (Canada) Company  
613-548-5320

**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

## **Toxic Reduction Plan Summary**

Toxic reduction plans have been prepared for the following substances:

Butane (all isomers)	No specific CAS #
n-Hexane	CAS # 110-54-3
Pentane (all isomers)	No specific CAS#
Propane	CAS # 74-98-6

### **Butane, n-Hexane, Pentane, Propane**

Butane, n-hexane, pentane and propane are combustion products created through the burning of natural gas in the site hydrogen unit and steam boilers. Since these are all products of combustion, the facility plan evaluated these substances together. Maitland site processes do not use these substances.

Maitland Site does not intend to reduce the creation of these substances through the implementation of the options evaluated in the toxic reduction plans. INVISTA has a companywide energy reduction initiative with a goal to reduce the site's 2010 energy intensity by 20% by the year 2020. As a result of this initiative the site's energy team has been evaluating and implementing energy reduction projects. These projects should result in the reduction or more efficient burning of natural gas which will reduce the creation of butane, n-hexane, pentane and propane.

Maitland Site objective is to operate its boilers, hydrogen plant and cogeneration plants as efficiently as possible which should result in the reduction or more efficient burning of natural gas which will reduce the creation of butane, n-hexane, pentane and propane.

None of the options evaluated were both technically and economically feasible. Although the facility will not be implementing any options as a result of the planning process, options implemented by the energy team should reduce the creation of these substances.

### **Certification Statement- Highest Ranking Official**

As of December 15, 2015, I, Joe Hendriks 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.

- Butane (all isomers) (no specific CAS number)
- N-hexane (CAS#110-54-3)
- Pentane (all isomers) (no specific CAS number)
- Propane (CAS #74-98-6)



Mr. Joe Hendriks  
Site Manager

### Certification Statement- Licensed Planner

As of December 17, 2015, I, Janet Payette certify that I am familiar with the processes at INVISTA Maitland 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
• Butane (all isomers) (No Specific CAS number)	December 15, 2015
• n-Hexane CAS#110-54-3	December 15, 2015
• Pentane (all isomers) (No Specific CAS number)	December 15, 2015
• Propane CAS# 74-98-6	December 15, 2015



Janet Payette  
Licensed Planner  
TSRP0162