

## TRA PLAN SUMMARY - NAPHTHALENE

### **BASIC FACILITY INFORMATION**

<b>Name &amp; CAS # of Substance</b>	Naphthalene	91-20-3
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Agrium Advanced Technologies	
<b>Facility Name</b>	Agrium	
<b>Facility Address</b>	4 & 6 Craig Boulevard, Brighton, Ontario K0K 1H0	
<b>Spatial Coordination of Facility (UTM Coordinates)</b>	281302 m E 4879370 m N	
<b>Number of Employees</b>	29	
<b>NPRI ID</b>	11889	
<b>Parent Company (PC) Information</b>		
<b>PC Name</b>	Agrium Inc.	
<b>PC Address</b>	Located at 13131 Lake Fraser Drive S.E. Calgary, Alberta	
<b>Percent Ownership for PC</b>	(100% owned)	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	32 - Manufacturing	
<b>4 Digit NAICS Code</b>	3253 - Pesticide, Fertilizer and Other Agriculture Chemical Manufacturing	
<b>6 Digit NAICS Code</b>	325320 - Pesticide and Other Agriculture Chemical Manufacturing	
<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	Kevin Bertrand, EH&S Manager	
	kbertrand@agriummat.com	
	Phone: (970) 292-9042	
	Fax: (303) 261-2982	

<b>Facility Technical Contact</b>	Jake DeGroot, Operations Superintendent
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	Phone: (613) 475-1262 ext. 27
	Fax: (613) 848-9298
<b>Company Coordinator Contact</b>	Kevin Bertrand, EH&S Manager
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<b>Person who Prepared the Plan: (if different from the Coordinator)</b>	Dana Lauder, P.Eng
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<b>Planner Information:</b>	
<b>Planner Responsible for Making Recommendations</b>	Dana Lauder, P.Eng
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## TOXIC REDUCTION POLICY STATEMENT OF INTENT

Agrium Advanced Technologies (Agrium) is currently using naphthalene in four processes. The Facility does not intend to reduce the use of this toxic substance at the Facility. Agrium does not create naphthalene; therefore this plan will not address reducing its creation.

## **REDUCTION OBJECTIVES**

Agrium prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Agrium will strive to reduce the use of naphthalene at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

## **DESCRIPTION OF FACILITY**

Agrium is a custom product packaging and manufacturing facility. The Facility receives and batches a large variety of products including, but not limited to: pesticides, insecticides, fertilizers, sealers and adhesives. The majority of raw materials at the Facility are liquids, and most arrive in 45 gallon drums. However, some liquids are also received in pails, totes of various sizes, and larger volumes are received by tanker trucks. The materials that arrive by tanker truck are pumped into dedicated holding tanks. The remaining items are stored in the warehouse. Non-liquid raw materials comprise mostly powders and granules, which arrive at the facility in bags or drums and are stored in the warehouse. Some of the products used at the facility contain Naphthalene as a constituent material.

The North American Industry Classification System (NAICS) Code that applies to this Facility is 325320 – Pesticide and Other Agricultural Chemical Manufacturing.

## **TOXIC SUBSTANCE REDUCTION OPTIONS TO BE IMPLEMENTED**

There were no options identified that can be implemented by Agrium to reduce the use, creation, or release of naphthalene.

## **PLAN SUMMARY STATEMENT**

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

## **CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

Attached

## **CERTIFICATION BY LICENSED PLANNER**

Attached

## 9.0 **PLAN CERTIFICATIONS**

### **CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of December 18, 2012, I, Kevin Bertrand, 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.

[Naphthalene]



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Kevin Bertrand EH&S Manager

Date

### **CERTIFICATION BY LICENSED PLANNER**

As of December 18, 2012, I, Dana Lauder, certify that I am familiar with the processes at Agrium Advanced Technologies 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 18, 2012 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Naphthalene]



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Dana

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Dana Lauder, P. Eng.  
Planner License # TSRP00014  
Conestoga Rovers & Associates

December 18, 2012