

Toxic Substance Reduction Plan

Nitrate Ion

Summary

BLOUNT

Toxic Substance Reduction Plan for 2012

A. Basic Facility Information

Name and CAS# of Substance	Nitrate Ion	N/A
Substances for which other plans have been prepared	Hydrochloric Acid	CAS 7647-01-0
	Hexavalent Chromium Compounds	N/A
	Lead	N/A
	Methanol	CAS 67-56-1
	Sodium Nitrite	CAS 7632-00-0
Facility Identification and Site Address		
Company Name	Blount Canada Ltd.,	
Facility name		
Facility Address	505 Edinburgh Road North, Guelph, Ontario, N1H 6L4	
Spatial Coordinates of Facility	Latitude: 43.3300 Longitude: 80.1600	
Number of Employees	660	
NPRI ID	3845	
Ontario MOE ID Number	N/A	
Parent Company Information		
Name and Address	Blount International	4909 S.E. International Way, Portland Oregon USA
Percent Ownership	100%	
Business Number	58638040	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33	

Toxic Substance Reduction Plan for 2012

4 Digit NAICS Code	3328	
6 Digit NAICS Code	332810	
Company Contact Information		
Facility Public Contact	Edward Lebrun, General Manager	505 Edinburgh Road North, Guelph, Ontario, N1H 6L4
	ted.lebrun@blount.ca	
	Phone: 519-822-6870	
	Fax: 519-822-1450	
Parent Company Contact Information		
Parent Company Contact	N/A	

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for nitrate ion, prepared by Blount Canada Ltd., dated December 3, 2013.

STATEMENT OF INTENT

Blount Canada Ltd. is committed to playing a leadership role in protecting the environment. Nitrate ion is a byproduct of a manufacturing aid used in heat treatment process. This facility does not purchase nitrate ion; therefore this plan will not address reducing its use. Whenever feasible, we intend to reduce or eliminate the creation of this toxic substance at the facility in full compliance with all Federal and Provincial Regulations.

REDUCTION OBJECTIVES

Blount intends to monitor new methods and investigate ways to reduce or eliminate the creation of nitrate ion. Blount intends to reduce the creation of nitrate ion by 21% over the next 5 years of preparing this Plan.

DESCRIPTION OF SUBSTANCE

Nitrate Ion is a byproduct of a manufacturing aid used in heat treatment process.

TOXIC SUBSTANCE REDUCTION OPTION TO BE IMPLEMENTED

The following option has been identified for implementation to reduce the creation and releases of nitrate ion:

- Implement a quench salt recovery system as an option for onsite reuse and recycling

Anticipated Reductions from the implementation of the above listed options are as follows:

Company Name: Blount Canada Ltd.

Substance: nitrate ion

CAS#: N/A

Reduction Option: **Onsite reuse or recycling – Implement a quench salt recovery system as an option for onsite reuse and recycling (pilot project).**

	Used (t/yr)	Created (t/yr)	On-site Releases (t/yr)			Disposal (t/yr)		Transfer (t/yr)	Contained in Product (t/yr)
			Air	Water	Land	On-site	Off-site		
Baseline	0.0	37.640	0.0	0.0	0.0	0.0	37.640	0.0	0.0
New estimated amount	0.0	29.74	0.00	0.0	0.0	0.0	29.74	0.0	0.0
Reduction	0.0	7.9	0.0	0.0	0.0	0.0	7.9	0.0	0.0
%Reduction	0%	21%	0%	0%	0%	0%	21%	0%	0%


It is expected that these reductions will be achieved within five years.

COPY OF CERTIFICATIONS

CERTIFICATION BY HIGHEST RANKING EMPLOYEE

As of December 16, 2013, I, Edward Lebrun, 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

(Nitrate Ion)



DANIEL LAWSON P. Eng.
Edward Lebrun

16 DEC 2013

Date

General Manager, Blount Canada Ltd.
(Highest Ranking Employee)

CERTIFICATION BY LICENSED PLANNER

As of December 16, 2013, I, Les Kuczynski certify that I am familiar with the processes at Blount Canada Ltd 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 3, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

(Nitrate Ion)



Les Kuczynski P. Eng.

December 16, 2013

Date

Toxic Substance Reduction Planner
License #TSRP0093