



CAMPBELL COMPANY OF CANADA

TORONTO PLANT

2017 TOXICS REDUCTION ACT

TOXIC SUBSTANCE REDUCTION PLAN SUMMARIES

**Campbell Company of Canada
60 Birmingham St.
Toronto, ON M8V 2B8**

June 1, 2018

Version Control

Version	Date Issued	Modifications
Update	June 1, 2018	Original version available to employees and the public as of December 31, 2013

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Introduction

Campbell Company of Canada operates a food products production plant located at 60 Birmingham Street in Toronto, Ontario. The food products made in the facility include canned soups, aseptic soups, broths and stocks.

Campbell has taken proactive initiatives to use energy efficiently and to reduce the use and creation of toxic substances through process modification (optimization of production lines), quality management and employee training programs.

Toxic Substances Reported

Toxics Reduction Plan Summaries have been prepared to meet the requirements of the Ontario Toxic Reduction Act (2009) (TRA) and Ontario Regulation 455/09. The subject toxic substances of this plan summary and 2017 annual report are:

- Sulfuric Acid (CAS 7664-93-9): Its use at the facility began in December of 2015 as a pH neutralizer for plant effluent. It is also a minor component of a contact sanitizer used on food handling equipment. It met the 2015 NPRI reporting threshold and a toxics reduction plan was developed in 2016. Its 2017 data are included in this annual report.
- Nitric acid (CAS 7697-37-2): It is used in the facility as a component of cleaners that are used to clean food products manufacturing equipment. The substance met the 2012 NPRI reporting threshold and a toxics reduction plan was developed in 2013. Its 2017 data are included in this annual report.
- PM_{2.5}: It is generated as a by-product of the food products manufacturing operations from fuel combustion processes (e.g., boilers, a combined heat and power system - CHP). The substance met the 2012 NPRI reporting threshold and a toxics reduction plan was developed in 2013. Its 2017 data are included in this annual report.
- Nitrogen oxides (NO_x, CAS 11104-93-1): It is generated as a by-product of the food products manufacturing operations from fuel combustion processes (e.g., boilers & a CHP). The substance met the 2014 NPRI reporting threshold and a toxics reduction plan was developed in 2015. Its 2017 data are included in this annual report.
- PM₁₀: It is generated as a by-product of the food products manufacturing operations from fuel combustion processes (e.g., boilers & a CHP). The substance met the 2016 NPRI reporting threshold and a toxics reduction plan was developed in 2017. Its 2017 data are included in this annual report.
- Carbon monoxide (CO, CAS 630-08-0): It is generated as a by-product of the food products manufacturing operations from fuel combustion processes (e.g., boilers & a CHP). The substance met the 2016 NPRI reporting threshold and a toxics reduction plan was developed in 2017. Its 2017 data are included in this annual report.

For more information on the Toxics Reduction Act and O. Reg. 455/09 visit:

<https://www.ontario.ca/page/ontario-toxics-reduction-program-guide-regulated-facilities>.

Basic Facility Information

Facility Information	
Company Name:	Campbell Company of Canada
Facility Name:	Plant 051 - Toronto
NPRI Identification Number:	7392
Ontario MOECC Identification Number:	n/a
NAICS 2 Code:	31 – Manufacturing
NAICS 4 Code:	3114 – Fruit and vegetable preserving and specialty food manufacturing
NAICS 6 Code:	311420 - Fruit and vegetable canning, pickling and drying
Number of Full-time Employees:	350
UTM Spatial Coordinates (NAD83):	
Zone:	17
UTM Easting, Northing (centre)	621039, 4829161
Datum:	1983

Owner and Operator of the Facility	
Name:	Campbell Company of Canada
Address:	60 Birmingham Street, Toronto, ON M8V 2B8
Highest Ranking Employee	
Name:	Jordan Thompson
Title:	V.P. Supply Chain - Campbell Canada
Address:	60 Birmingham Street, Toronto, ON M8V 2B8
Phone Number:	416) 253-8616
E-mail:	Jordon_Thompson@ca.campbellsoup.com
Public Contact	
Name:	Karen Lee
Position:	Director – Marketing Communications
Address:	60 Birmingham Street, Toronto, ON M8V 2B8
Phone Number:	416) 251-1117 x3232
Fax Number:	(416) 253-8648
E-mail:	karen_lee@ca.campbellsoup.com

Copy of Plan Certification

Certification Statement

As of Dec 18, 2017, I, Jordan Thompson, certify that I have read the toxic substance reduction plan for the toxic substances 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.

Toxic Substances: Carbon monoxide (CO), CAS 630-08-0
 Particulate matter 10 micrometers or less in diameter (PM10)



Jordan Thompson
 V.P. Supply Chain – Campbell Company of Canada
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 Phone: (416) 253-8616
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Toxic Substances – Quantities and Previous Year Comparisons

Substance Name:	PM10:			
CAS #:	N/A			
Report Date:	June 1, 2018			
Plan Date:	Dec 17, 2017			
	2016	2017	Delta	Delta %
Units Reported	tonnes	tonnes		
U – Enters the process (Raw Material)	0	0		
C – Created	0.51	0.527	.017	3.33
P – Leaves the facility in a product	0	0	0	NA
Summary of Reasons for change between current and previous years	The increase of fuel combustion by-products was due to the increase of fuel required for the CHP plant and product manufacturing.			

Substance Name:	Carbon Monoxide			
CAS #:	CAS 630-08-0			
Report Date:	June 1, 2018			
Plan Date:	Dec 17, 2017			
	2016	2017	Delta	Delta %
Units Reported	tonnes	tonnes		
U – Enters the process (Raw Material)	0	0		
C – Created	22.53	23.20	0.67	2.97
P – Leaves the facility in a product	0	0	0	NA
Summary of Reasons for change between current and previous years	The increase of fuel combustion by products was due to the increase of fuel required for the CHP plant and product manufacturing.			

Substance Name:	Sulfuric Acid			
CAS #:	7664-93-9			
Report Date:	June 1, 2016			
Plan Date:	Nov 21, 2016			
	2016	2017	Delta	Delta %
Units Reported	tonnes	tonnes		
U – Enters the process (Raw Material)	89.36	138.34	48.98	54.81
C – Created	0	0		
P – Leaves the facility in a product	0	0	0	NA
Summary of Reasons for change between current and previous yeas	Increased production and pH neutralization of sanitation chemicals			

Substance Name:	Nitrogen Oxides			
CAS #:	11104-93-1			
Report Date:	June 1, 2018			
Plan Date:	Dec 31, 2014			
	2016	2017	Delta	Delta %
Units Reported	tonnes	tonnes		
U – Enters the process (Raw Material)	0	0		
C – Created	26.83	27.65	0.82	3.06
P – Leaves the facility in a product	0	0	0	NA
Summary of Reasons for change between current and previous yeas	The increase of fuel combustion by products was due to the increase of fuel required for the CHP plant and product manufacturing.			

Substance Name:	Nitric Acid			
CAS #:	7697-37-2			
Report Date:	June 1, 2013			
Plan Date:	Dec 19, 2013			
	2016	2017	Delta	Delta %
Units Reported	tonnes	tonnes		
U – Enters the process (Raw Material)	34.76	39.70	4.94	14.21
C – Created	0	0		
P – Leaves the facility in a product	0	0	0	NA
Summary of Reasons for change between current and previous yeas	Increased production and sanitation schedules			

Substance Name:	PM2.5			
CAS #:	N/A			
Report Date:	June 1, 2018			
Plan Date:	Dec 19, 2013			
	2016	2017	Delta	Delta %
Units Reported	tonnes	tonnes		
U – Enters the process (Raw Material)	0	0		
C – Created	0.51	0.525	0.015	3.94
P – Leaves the facility in a product	0	0	0	NA
Summary of Reasons for change between current and previous years	The increase of fuel combustion by products was due to the increase of fuel required for the CHP plant and product manufacturing.			