

# AGROPUR COOPERATIVE OTTAWA PLANT - TOXICS REDUCTION PLAN SUMMARY FOR SULFURIC ACID

February 6, 2019

## INTRODUCTION

This Toxics Reduction Plan was prepared to meet the requirements of the Ontario Toxic Reduction Act (2009) (TRA) and Ontario Regulation 455/09 for Agropur Cooperative facility located at 1001 Dairy Drive in Ottawa, Ontario. The subject toxic substance is sulfuric acid (CAS 7664-93-9), which belongs to NPRI Part 1 substance and met the NPRI reporting threshold in the 2015 calendar year. Its use at the facility to acidify the wastewater during treatment to improve the removal of bio solids. Sulfuric acid is not created on site nor contained in the final products.

There were no other toxics reduction plans prepared by the facility in addition to sulfuric acid, since other toxics used at the facility did not meet their NPRI reporting thresholds.

## BASIC FACILITY INFORMATION

Facility Information	
Company Name:	Agropur Cooperative
Facility Name:	Ottawa Facility
NPRI Identification Number:	27628
Ontario MECP Identification Number:	n/a
NAICS 2 Code:	31 - Manufacturing
NAICS 4 Code:	3115 - Dairy product manufacturing
NAICS 6 Code:	311511 - Fluid milk manufacturing
Number of Full-time Employees:	99
UTM Spatial Coordinates (NAD83):	
Zone:	18
UTM Easting:	462837
UTM Northing:	5037989
Datum:	1983

Owner and Operator of the Facility	
Name:	Agropur Cooperative
Address:	4600, Armand-Frappier, Saint-Hubert, QC J3Z 1G5

Highest Ranking Employee	
Name:	Kenneth Petersen
Title:	Plant Manager
Address:	1001 Dairy Drive, Ottawa, Ontario, K4A 3N3
Phone Number:	(613) 834-5787
E-mail:	Kenneth.Petersen@Agropur.com

<b>Public Contact</b>	
Name:	Roger D'Amour
Position	Environmental Director
Address	4600, Armand-Frappier, Saint-Hubert, QC J3Z 1G5
Phone Number:	(514) 236-6404
Fax Number:	(450) 443-6196
E-mail:	Roger.D'Amour@agropur.com

### **STAGES AND PROCESSES THAT USE SULFURIC ACID**

Sulfuric acid is used to acidify the wastewater during DAF (dissolved air flotation) wastewater treatment to improve the removal of bio solids. Caustic soda is then used to neutralize the acidified water prior to release to municipal sewers.

### **QUANTITY OF SULFURIC ACID USED AT THE FACILITY**

<b>Substance</b>	<b>CAS</b>	<b>Quantity Entered to Plant* (tonne/2015 )</b>	<b>Created Onsite (tonne/2015)</b>	<b>Contained in Products (tonne/2015)</b>
Sulfuric acid	7664-93-9	20.568	0	0

\*The substance was used/destroyed in neutralization.

### **AGROPUR COOPERATIVE ENVIRONMENTAL INTENT AND OBJECTIVES**

Agropur has taken proactive initiatives following their standard operating procedure and continuous improvement strategies to effectively use and minimize the loss of the subject toxic substance. The current practices pertaining to the use of the subject substance include inventory management, spill prevention programs, and employee training programs. Effective use of toxic materials and reduction of the consumption of toxic substances will be an ongoing effort for Agropur. The company will continue to implement quality management system and to follow their standard operating procedure for all equipment and operations onsite.

Based on the use purpose of the subject substance and the nature of the facility operation, no toxics reduction options have been identified as feasible for the facility in addition to the facility's current initiatives and plans.

This plan summary is accurate, and reflects the current version of the toxics reduction plan for the subject substance.

**TOXICS REDUCTION PLAN FOR SULFURIC ACID (2015 YEAR) - AGROPUR FACILITY AT 1001 DAIRY DRIVE IN OTTAWA**


PLAN CERTIFICATIONS  
January 31, 2019

**9.0 PLAN CERTIFICATIONS**

**CERTIFICATION BY HIGHEST RANKING EMPLOYEE**

As of January 31, 2019, I, Kenneth Petersen, 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.

Toxic Substance: Sulfuric acid (CAS 7664-93-9)



05/02/2019

Kenneth Petersen  
Plant Manager  
1001 Dairy Drive, Ottawa, Ontario, K4A 3N3  
Phone: (613) 834-5787  
[Kenneth.Petersen@Agropur.com](mailto:Kenneth.Petersen@Agropur.com)

Date

**CERTIFICATION BY LICENSED PLANNER**

As of January 31, 2019, I, Ruouu (Boris) Chen certify that I am familiar with the processes at Agropur Cooperative 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 November 21, 2016 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substance: Sulfuric acid (CAS 7664-93-9)



Jan 31, 2019

Ruouu (Boris) Chen (License No. TSRP0239)  
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Date

