

## Agropur Cooperative – Division Natrel Toxic Reduction Act Public Summary Report

### Introduction

Agropur processes and provides a wide range of dairy products including: milk, creamers, ice cream and butter. The use of nitric acid is for disinfection of pipes at the site and is a safe cost, effective chemical. The use of sulphuric acid is critical to effectively control the pH of waste water prior to approved release to the municipal sewage system.

### Basic Facility Information

The legal and trade names of the owner and the operator of the facility, the street address of the facility and if the mailing address of the facility is different from the street address, the mailing address. (See below)		Agropur Cooperative		
Facility NPRI identification number		1112		
The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01		N/A		
Number of full-time employee equivalents		358		
North American Industry Clarification System (NAICS) 2, 4, and 6 digit codes		31	11	511
Spatial Coordinates		Lat 43.74040 Lon -79.32640 UTM 17 634763.92E 484401.30N		
<b>Contact Information</b>				
Role	Name	Position	Contact information	
Coordinated preparation of plan	Paul Reinholz	Maintenance Manager	416-442-2432	
Prepared plan	Paul Reinholz	Maintenance Manager	416-442-2432	
Public contact	Paul Reinholz	Maintenance Manager	416-442-2432	
Highest Ranking Employee	Carlos De Matos	Plant Manager	416-442-2432	
Legal name of Canadian parent company if facility is a subsidiary of a Canadian parent company				

### Description of Substance:

Agropur processes and provides a wide range of dairy products including: milk, creamers, ice cream and butter. The use of sulphuric acid is critical to effectively control the pH of waste water in order to comply with municipal and environmental regulations.

### Facility Wide Data Summary – Sulphuric Acid

Substance	sulphuric acid
CAS Number	7681-49-4
Units	Tonnes
<b>On a facility-wide basis</b>	
Amount that entered the facility as the substance itself or as a constituent of another substance:	300.2
The amount returned to supplier	<0.1
The amount that was created:	<0.1
The amount that was contained in product:	<0.1
The amount of substance released to air:	<0.1
The amount of substance released to land:	<0.1

The amount of substance released to water:	<0.1
The amount of substance disposed onsite:	<0.1
The amount of substance disposed offsite:	<0.1
The amount of substance transferred offsite for treatment:	<0.1
The amount of substance transferred offsite for recycling:	<0.1
Substance	nitric acid
CAS Number	7697-37-2
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	38.1
The amount returned to supplier	<0.1
The amount that was created:	<0.1
The amount that was contained in product:	<0.1
The amount of substance released to air:	<0.1
The amount of substance released to land:	<0.1
The amount of substance released to water:	<0.1
The amount of substance disposed onsite:	<0.1
The amount of substance disposed offsite:	<0.1
The amount of substance transferred offsite for treatment:	<0.1
The amount of substance transferred offsite for recycling:	<0.1
Substance	nitrate ions
CAS Number	n.a.
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	<0.1
The amount returned to supplier	<0.1
The amount that was created:	37.5
The amount that was contained in product:	<0.1
The amount of substance released to air:	<0.1
The amount of substance released to land:	<0.1
The amount of substance released to water:	37.5
The amount of substance disposed onsite:	<0.1
The amount of substance disposed offsite:	<0.1
The amount of substance transferred offsite for treatment:	<0.1
The amount of substance transferred offsite for recycling:	<0.1

Statement of Intent

Agropur Cooperative – Natrel Division is committed to policies and programs with the intent to reduce pollution, protect the environment, and safeguard human health. Therefore it is our priority to participate in toxic reduction plans with the goal to reduce the use and release of sulphuric and nitric acids at the plant.

Objective

The facility has a goal to reduce the use of sulphuric and nitric acids by 5% over a 5 - 7 year period. Sulphuric acid is used for effective pH control in the operation of the Waste Water Treatment Process. Nitric acid is used to disinfect pipes at the facility. This plan determines the technical and

economic feasibility of reducing the use of sulphuric and nitric acids through existing waste reduction and product loss reduction programs.

Plan Summary Statement

The Toxic Reduction Plan Summary reflects the content of the Toxic Substance Reduction Plan for Sulphuric and Nitric acids. There were no changes in amounts reported since this is the first year reporting under the *Toxics Reduction Act, 2009*.

Certification by Highest ranking Employee

The following Certifications Statement is being made under s.19(2) of Ontario Regulation (O.Reg.) 455/09 (as amended by s.11 of O.Reg.214/11) and satisfy the requirements of s.4(2) of the Toxic Reduction Act for the Toxic Substance Plans that are assembled within this document as of the date of this Certification Statement.

As of April 21/2014, I, Carlos De Matos, 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 plans are factually accurate and comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Toxic substances: sulphuric acid


  
Carlos De Matos  
Plant Manager  
Agropur Cooperative – Division Natrel –

Certification by Toxic Substance Reduction Planner

The following Certifications Statement is being made under s.19(2) of Ontario Regulation (O.Reg.) 455/09 (as amended by s.11 of O.Reg.214/11) and satisfy the requirements of s.4(2) of the Toxic Reduction Act for the Toxic Substance Plans that are assembled within this document as of the date of this Certification Statement.

As of \_\_\_\_\_, I, Ronald Taylor, certify that I am familiar with the processes at Agropur cooperative – Division Natrel. 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.

Toxic substances: sulphuric acid, nitric acid and nitrate ions

  
Ronald Taylor  
TSRP 0027  
Senior Project Manager  
exp Services Inc.