



National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2017
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	22/05/2018 9:02 AM

Company and Facility Details

Company Name:	Chemtrade Logistics Inc.
Business Number:	875182214
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 300 - 155 Gordon Baker Road City, Province/Territory, Postal Code: Toronto Ontario M2H3N5 Country: Canada
Facility Name:	Chemtrade - Thorold
NAICS Code:	325999
NPRI ID:	344
Physical Address:	Address Line 1: 1686 Beaverdams Road City, Province/Territory, Postal Code: Thorold Ontario L2V3Y7 Country: Canada Latitude: 43.1101 Longitude: -79.2092

Parent Companies

Company Name:	Chemtrade Logistics
Business Number:	875182214
Mailing Address:	Address Line 1: 300 - 155 Gordon Baker Road City, Province/Territory, Postal Code: Toronto Ontario M2H3N5 Country: Canada

Permits

Number or Permit Number:	113-2-412
Government Department, Agency, or Program Name:	Certificate of Approval - Air
Number or Permit Number:	4975-5B7P7J
Government Department, Agency, or Program Name:	permit to collect and treat groundwater collected from interceptor trench
Number or Permit Number:	A121027

Government Department, Agency, or Program Name:

waste disposal site permit

Contacts Details

Contact Type

Technical Contact, Certifying Official, Highest Ranking Employee, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan

Name:

Chris Miller

Position:

Environmental Compliance Manager

Telephone:

7348463345

Fax:

3138427025

Email:

cmiller@chemtradelogistics.com

General Information

Number of employees:

9

Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:

None of the above

Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene:

None of the above

Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):

Wood preservation using creosote: No

Is this the first time the facility is reporting to the NPRI (under current or past ownership):

No

Is the facility controlled by another Canadian company or companies:

No

Did the facility report under other environmental regulations or permits:

Yes

Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):

No

Operating Schedule - Days of the Week:

Mon, Tue, Wed, Thu, Fri

Usual Number of Operating Hours per day:

16

Usual Daily Start Time (24h) (hh:mm):

07:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
7664-93-9	Sulphuric acid	0.0072	N/A	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
7664-93-9	Sulphuric acid	Yes	Yes		No

General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
7664-93-9	Sulphuric acid	Yes	Yes	No

General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
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CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
7664-93-9	Sulphuric acid	No	No	No

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
7664-93-9	Sulphuric acid	For on-site use/processing	As a formulation component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
7664-93-9	Sulphuric acid	Use	12633 tonnes	Yes
7664-93-9	Sulphuric acid	Creation	0 tonnes	Yes
7664-93-9	Sulphuric acid	Contained in Product	0 tonnes	Yes

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Description of how an incident(s) affected quantifications	Significant Process Change
7664-93-9	Sulphuric acid					No

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
7664-93-9	Sulphuric acid	Total Quantity Released	E1 - Site Specific Emission Factors		0.0072 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
7664-93-9	Sulphuric acid	25	25	25	25

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities from Previous Year	Comments
7664-93-9	Sulphuric acid	No significant change (i.e. < 10%) or no change	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
7664-93-9	Sulphuric acid		No significant change (i.e. < 10%) or no change	

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
7664-93-9	Sulphuric acid		No significant change (i.e. < 10%) or no change	

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
7664-93-9	Sulphuric acid	No	Enters the facility (Use)	12633 tonnes	13528 tonnes	2016	-895	-6.62
7664-93-9	Sulphuric acid	No	Creation	0 tonnes	0 tonnes	2016	0	
7664-93-9	Sulphuric acid	No	Contained in Product	0 tonnes	0 tonnes	2016	0	

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
7664-93-9	Sulphuric acid	No reasons - quantities approximately the same	

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
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7664-93-9	Sulphuric acid	No	Total Releases to Air	0 tonnes				
7664-93-9	Sulphuric acid	No	Total Releases to Water	0 tonnes				
7664-93-9	Sulphuric acid	No	Total Releases to Land	0 tonnes				
7664-93-9	Sulphuric acid	No	Total Releases to All Media	0.0072 tonnes	0.0077 tonnes	2016	-0.0005	-6.49

Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
7664-93-9	Sulphuric acid	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Yes

a) Please check all that apply

Plan was prepared or implemented on a voluntary basis.

b) Did the facility update their plan in the current reporting year?

No

Did the facility complete any pollution prevention activities in the current NPRI reporting year

No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
7664-93-9	Sulphuric acid	The General Chemical – Thorold facility (Facility) is constrained in the amount of sulphuric acid it can reduce. Sulphuric acid is a critical raw material in the production of aluminum sulphate (alum), the only product produced and sold by the Facility. There is currently no substitute for the substance. Additionally, the Facility has taken significant steps to reduce the use of sulphuric acid in the past to the point that there are no other known reduction efforts that are technically or economically feasible. The Facility will not be reducing its use of sulphuric acid at this time. In the recent past, emissions reduction and spill prevention measures have been implemented, when feasible. In 2010, the Facility installed an exhaust stack scrubbing system, reducing sulphuric acid air emissions by 95%. Frequent environmental reviews are conducted to identify opportunities for such pollution prevention efforts.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
7664-93-9	Sulphuric acid	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
7664-93-9	Sulphuric acid	No quantity target	No timeline target	

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
7664-93-9	Sulphuric acid	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
7664-93-9	Sulphuric acid	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
7664-93-9	Sulphuric acid	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
7664-93-9	Sulphuric acid	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Chemtrade Logistics Inc.

Certifying Official (or authorized delegate)

Chris Miller

Report Submitted by

Chris Miller

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 22/05/2018, I, Chris Miller, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List

CAS RN

Substance Name

7664-93-9

Sulphuric acid

Company Name

Chemtrade Logistics Inc.

Highest Ranking Employee

Chris Miller

Report Submitted by

Chris Miller

Website address

<http://www.chemtradelogistics.com/main/about-us/our-locations/locations-overview/>

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2017	22/05/2018	Chemtrade - Thorold	Ontario	Thorold	NPRI,ON MOE TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.

Version: 3.14.0



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