



National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2019
Report Type:	NPRI,ON MECP TRA,NERM
Report Status:	Submitted
Modified Date/Time:	2020-06-04 11:35 AM

Company and Facility Details

Company Name:	Kemira Chemicals Canada Inc.
Business Number:	872000138
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 321 Welland Avenue City: Saint Catharines Province/Territory: Ontario Postal Code: L2R 2R2 Country: Canada
Facility Name:	Kemira Chemicals Canada Inc.
NAICS Code:	325190
NPRI ID:	2048
Portable:	No
Physical Address:	Address Line 1: 321 Welland Avenue City: St. Catharines Province/Territory: Ontario Postal Code: L2R 2R2 Country: Canada Latitude: 43.17054 Longitude: -79.22885 UTM Zone: 17 UTM Easting: 644013 UTM Northing: 4781228

Contacts Details

Contact Type	Technical Contact, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Megan Bonaldo
Position:	EHSQ Manager
Telephone:	9056886470
Fax:	9056224666

Email:	megan.bonaldo@kemira.com
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Oksana Shaw
Position:	Plant Manager
Telephone:	9056886470
Email:	oksana.shaw@kemira.com
Contact Type	Contractor Contact, Person who prepared the report
Name:	Matthew Griffin
Position:	Engineer
Telephone:	5198840510
Email:	matthew.griffin@ghd.com
Independent contractor/consultant company name:	GHD

General Information

Number of employees:	24
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Does this facility release less than the reporting threshold for each Part 4 substance AND have one or more light or medium crude oil batteries with a total oil throughput for the battery components of the facility of $\geq 1,900$ m ³ per year?	No
Did the facility operate one or more electricity generation units that had a capacity of 25 MW or more and that distributed or sold to the grid 33% or more of its potential electrical output in the calendar year?	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?	No
Does this facility solely consist of compression equipment in the oil and gas extraction sector?	No
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
103-23-1	Bis(2-ethylhexyl) adipate	N/A	N/A	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MECP TRA	First report for this substance to the ON MECP TRA
103-23-1	Bis(2-ethylhexyl) adipate	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
103-23-1	Bis(2-ethylhexyl) adipate	No	No	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
103-23-1	Bis(2-ethylhexyl) adipate	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
103-23-1	Bis(2-ethylhexyl) adipate		As a formulation component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
103-23-1	Bis(2-ethylhexyl) adipate	Use	10.487 tonnes	Yes
103-23-1	Bis(2-ethylhexyl) adipate	Creation	0 tonnes	Yes
103-23-1	Bis(2-ethylhexyl) adipate	Contained in Product	10.487 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	Reason for the significant process change
103-23-1	Bis(2-ethylhexyl) adipate					No	

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
103-23-1	Bis(2-ethylhexyl) adipate	No significant change (i.e. <10% or no change)	

On-site Releases - Anticipated Releases

CAS RN	Substance Name	2020	2021	2022
103-23-1	Bis(2-ethylhexyl) adipate	0	0	0

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
103-23-1	Bis(2-ethylhexyl) adipate		No significant change (i.e. <10% or no change)	

Disposals - Anticipated Disposals (excluding Tailings and Waste Rock)

CAS RN	Substance Name	2020	2021	2022
103-23-1	Bis(2-ethylhexyl) adipate	0	0	0

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
103-23-1	Bis(2-ethylhexyl) adipate		No significant change (i.e. <10% or no change)	

Recycling - Anticipated Recycling

CAS RN	Substance Name	2020	2021	2022
103-23-1	Bis(2-ethylhexyl) adipate	0	0	0

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
103-23-1	Bis(2-ethylhexyl) adipate	No	Enters the facility (Use)	10.487 tonnes	11.462 tonnes	2018	-0.975	-8.51
103-23-1	Bis(2-ethylhexyl) adipate	No	Creation	0 tonnes	0 tonnes	2018	0	
103-23-1	Bis(2-ethylhexyl) adipate	No	Contained in Product	10.487 tonnes	11.462 tonnes	2018	-0.975	-8.51

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
103-23-1	Bis(2-ethylhexyl) adipate	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

No

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

No

If no, please select all applicable reasons from the list below:

Activities were implemented in a previous year; additional activities are either unnecessary or unfeasible at this time

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
103-23-1	Bis(2-ethylhexyl) adipate	Our objective at this time is to continue to use DEHA at the current levels as a diluent for a portion of our defoamers. We will continue to monitor the amount consumed, and will be investigating the possibility of reducing the amount of DEHA used in our formulas in the future. It should be noted that DEHA was chosen as a replacement to DIDP, a phthalate ester, due to suspected health concerns related to phthalates.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
103-23-1	Bis(2-ethylhexyl) adipate	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
103-23-1	Bis(2-ethylhexyl) adipate	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
103-23-1	Bis(2-ethylhexyl) adipate	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
103-23-1	Bis(2-ethylhexyl) adipate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
103-23-1	Bis(2-ethylhexyl) adipate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
103-23-1	Bis(2-ethylhexyl) adipate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
103-23-1	Bis(2-ethylhexyl) adipate	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.	
103-23-1	Bis(2-ethylhexyl) adipate	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.	
103-23-1	Bis(2-ethylhexyl) adipate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
103-23-1	Bis(2-ethylhexyl) adipate	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.	
103-23-1	Bis(2-ethylhexyl) adipate	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.	
103-23-1	Bis(2-ethylhexyl) adipate	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
103-23-1	Bis(2-ethylhexyl) adipate	No		

Feedback

Comments on the Reporting System

Satisfied. Few technical issues and they were easily resolved.

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

Certifying Official (or authorized delegate)

Oksana Shaw

Report Submitted by

Oksana Shaw

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 MECP TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 2020-06-04, I, Oksana Shaw, 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

103-23-1

Bis(2-ethylhexyl) adipate

Company Name

Kemira Chemicals Canada Inc.

Highest Ranking Employee

Oksana Shaw

Report Submitted by

Oksana Shaw

Website address

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
2019	2020-06-04	Kemira Chemicals Canada Inc.	Ontario	St. Catharines	NPRI, ON MECP TRA, NERM

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.

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