



# National Pollutant Release Inventory (NPRI) and Partners



Canada

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## Report Preview

### Report Details

Report Year: 2017

Report Type: NPRI,ON MOE TRA,ON MOE

Report Status: Ready to Submit

Modified Date/Time: 13/04/2018 10:23 AM

### Company and Facility Details

Company Name: Xerox Canada, Inc.

Business Number: 120619358

Mailing Address: Delivery Mode: GeneralDelivery  
Address Line 1: 2660 Speakman Drive  
City, Province/Territory, Postal Code: Mississauga Ontario L5K2L1  
Country: Canada

Facility Name: Supplies Development Centre

NAICS Code: 325999

NPRI ID: 5820

ON Reg 127/01 ID: 6579

Physical Address: Address Line 1: 2660 Speakman Drive  
City, Province/Territory, Postal Code: Mississauga Ontario L5K2L1  
Country: Canada  
Latitude: 43.5134  
Longitude: -79.6668  
UTM Zone: 17  
UTM Easting: 607758  
UTM Northing: 4818692

### Parent Companies

Company Name: Xerox Corporation

Business Number: 160468020

Mailing Address: Delivery Mode: GeneralDelivery  
Address Line 1: 45 Glover Avenue  
City, Province/Territory, Postal Code: Norwalk Connecticut 06856-4505  
Country: UnitedStates

### Permits

Number or Permit Number: 6579

Government Department, Agency, or Program Name: Ontario Regulation 127/01

Contacts Details

Contact Type	Technical Contact, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	BRENT BRYANT
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Contact Type	Person who prepared the report
Name:	Ravin Sharma
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Extension	505
Email:	ravin.sharma@xerox.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 2660 Speakman Drive City, Province/Territory, Postal Code: Mississauga Ontario L5K 2L1 Country: Canada

General Information

Number of employees:	57
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
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:	Yes
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
Usual Number of Operating Hours per day:	24

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
67-64-1	Acetone	0.5060	N/A	N/A	N/A	tonnes
141-32-2	Butyl acrylate	0.0137	N/A	0.0019	0.0001	tonnes
68-12-2	N,N-Dimethylformamide	0.0016	N/A	10.8738	0.0056	tonnes
100-42-5	Styrene	0.0650	N/A	0.0079	0.0002	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
67-64-1	Acetone		Yes	Yes	No
141-32-2	Butyl acrylate	Yes	Yes		No
68-12-2	N,N-Dimethylformamide	Yes	Yes		No
100-42-5	Styrene	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
141-32-2	Butyl acrylate	Yes	Yes	No
68-12-2	N,N-Dimethylformamide	Yes	Yes	No
100-42-5	Styrene	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
141-32-2	Butyl acrylate	Yes	No	Yes
68-12-2	N,N-Dimethylformamide	Yes	No	Yes
100-42-5	Styrene	Yes	No	Yes

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
141-32-2	Butyl acrylate		As a reactant	
68-12-2	N,N-Dimethylformamide			As a physical or chemical processing aid
100-42-5	Styrene		As a reactant	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
67-64-1	Acetone	Use	10.286 tonnes	Yes
67-64-1	Acetone	Creation	0 tonnes	No
67-64-1	Acetone	Contained in Product		
141-32-2	Butyl acrylate	Use	263.582 tonnes	Yes
141-32-2	Butyl acrylate	Creation	0 tonnes	No
141-32-2	Butyl acrylate	Contained in Product	0 tonnes	No
68-12-2	N,N-Dimethylformamide	Use	10.88 tonnes	Yes
68-12-2	N,N-Dimethylformamide	Creation	0 tonnes	No
68-12-2	N,N-Dimethylformamide	Contained in Product	0 tonnes	No
100-42-5	Styrene	Use	886.878 tonnes	Yes
100-42-5	Styrene	Creation	0 tonnes	No
100-42-5	Styrene	Contained in Product	0 tonnes	No

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
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67-64-1	Acetone					No
141-32-2	Butyl acrylate					No
68-12-2	N,N-Dimethylformamide					No
100-42-5	Styrene					No

### On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
67-64-1	Acetone	Stack or Point Releases	O - Engineering Estimates		0.5060 tonnes

### On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
67-64-1	Acetone	0.5060 tonnes

### Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
141-32-2	Butyl acrylate	Total Quantity Released	O - Engineering Estimates		0.0137 tonnes
68-12-2	N,N-Dimethylformamide	Total Quantity Released	O - Engineering Estimates		0.0016 tonnes
100-42-5	Styrene	Total Quantity Released	O - Engineering Estimates		0.065 tonnes

### On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
141-32-2	Butyl acrylate	25	25	25	25
68-12-2	N,N-Dimethylformamide	25	25	25	25
100-42-5	Styrene	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
100-42-5	Styrene	Changes in production levels	
141-32-2	Butyl acrylate	Changes in production levels	
68-12-2	N,N-Dimethylformamide	Changes in production levels	

### Disposals - Off-site Transfers (excluding Tailings and Waste Rock)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
141-32-2	Butyl acrylate	Physical Treatment	O - Engineering Estimates		0.0001 tonnes
68-12-2	N,N-Dimethylformamide	Physical Treatment	M3 - Source Testing		0.0056 tonnes
100-42-5	Styrene	Physical Treatment	M3 - Source Testing		0.0001 tonnes
100-42-5	Styrene	Municipal Sewage Treatment Plant	M3 - Source Testing		0.0001 tonnes

### Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - Total

CAS RN	Substance Name	Total - Treatment Prior to Final Disposal
141-32-2	Butyl acrylate	0.0001 tonnes
68-12-2	N,N-Dimethylformamide	0.0056 tonnes
100-42-5	Styrene	0.0002 tonnes

### Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - By Facilities

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
100-42-5	Styrene	Physical Treatment	Veoliaes Canada Industrial Services	141 Prosperity Way, Chatham, ON, Canada	0 tonnes
100-42-5	Styrene	Physical Treatment	Aimco Solrec	4215 Morobel Dr., Milton, ON, Canada	0.0001 tonnes
100-42-5	Styrene	Municipal Sewage Treatment Plant	Region of Peel - Clarkson Wastewater Treatment Facility	2307 Lakeshore Road West, Mississauga, ON, Canada	0.0001 tonnes
141-32-2	Butyl acrylate	Physical Treatment	Veoliaes Canada Industrial Services	141 Prosperity Way, Chatham, ON, Canada	0 tonnes
141-32-2	Butyl acrylate	Physical Treatment	AccuWork Inc.	220 Superior Blvd, Mississauga, ON, Canada	0.0001 tonnes
68-12-2	N,N-Dimethylformamide	Physical Treatment	Veoliaes Canada Industrial Services	141 Prosperity Way, Chatham, ON, Canada	0 tonnes

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
68-12-2	N,N-Dimethylformamide	Physical Treatment	AccuWork Inc.	220 Superior Blvd, Mississauga, ON, Canada	0.0056 tonnes

### Disposals - Total Quantity Disposed (All Media)

CAS RN	Substance Name	Total Quantity Disposed (All Media)
141-32-2	Butyl acrylate	0.0001 tonnes
68-12-2	N,N-Dimethylformamide	0.0056 tonnes
100-42-5	Styrene	0.0002 tonnes

### Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
100-42-5	Styrene	Production residues Off-specification products	Changes in production levels Other (specify in On-site Releases comment field)	Trace quantities of styrene released to the sanitary sewer are now being tracked.
141-32-2	Butyl acrylate	Production residues Off-specification products	Changes in production levels	
68-12-2	N,N-Dimethylformamide	Production residues Off-specification products	Changes in production levels	

### Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
141-32-2	Butyl acrylate	Energy Recovery	O - Engineering Estimates		0.0019 tonnes
68-12-2	N,N-Dimethylformamide	Energy Recovery	C - Mass Balance		10.8738 tonnes
100-42-5	Styrene	Energy Recovery	M3 - Source Testing		0.0079 tonnes

### Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
141-32-2	Butyl acrylate	0.0019 tonnes
68-12-2	N,N-Dimethylformamide	10.8738 tonnes
100-42-5	Styrene	0.0079 tonnes

### Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
100-42-5	Styrene	Energy Recovery	Veoliaes Canada Industrial Services	141 Prosperity Way, Chatham, ON, Canada	0 tonnes
100-42-5	Styrene	Energy Recovery	RPR Environmental	164 South Service Rd., Stoney Creek, ON, Canada	0 tonnes
100-42-5	Styrene	Energy Recovery	Aimco Solrec	4215 Morobel Dr., Milton, ON, Canada	0.0002 tonnes
100-42-5	Styrene	Energy Recovery	AccuWork Inc.	220 Superior Blvd, Mississauga, ON, Canada	0.0077 tonnes
141-32-2	Butyl acrylate	Energy Recovery	Veoliaes Canada Industrial Services	141 Prosperity Way, Chatham, ON, Canada	0.00 tonnes
141-32-2	Butyl acrylate	Energy Recovery	RPR Environmental	164 South Service Rd., Stoney Creek, ON, Canada	0 tonnes
141-32-2	Butyl acrylate	Energy Recovery	AccuWork Inc.	220 Superior Blvd, Mississauga, ON, Canada	0.0019 tonnes
68-12-2	N,N-Dimethylformamide	Energy Recovery	Veoliaes Canada Industrial Services	141 Prosperity Way, Chatham, ON, Canada	0 tonnes
68-12-2	N,N-Dimethylformamide	Energy Recovery	Aimco Solrec	4215 Morobel Dr., Milton, ON, Canada	10.8738 tonnes

### Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
100-42-5	Styrene	Production Residues Off-specification products	Changes in production levels	
141-32-2	Butyl acrylate	Production Residues Off-specification products	Changes in production levels	
68-12-2	N,N-Dimethylformamide	Production Residues Off-specification products	Changes in production levels	Reduction in production levels which reduce the quantity required

### 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
67-64-1	Acetone	No	Enters the facility (Use)	10.286 tonnes	13.05 tonnes	2016	-2.764	-21.18
67-64-1	Acetone	No	Creation	0 tonnes	0 tonnes	2016	0	

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
141-32-2	Butyl acrylate	No	Enters the facility (Use)	263.582 tonnes	401.94 tonnes	2016	-138.358	-34.42
141-32-2	Butyl acrylate	No	Creation	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Enters the facility (Use)	10.88 tonnes	12.31 tonnes	2016	-1.43	-11.62
68-12-2	N,N-Dimethylformamide	No	Creation	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Enters the facility (Use)	886.878 tonnes	1370.6 tonnes	2016	-483.722	-35.29
100-42-5	Styrene	No	Creation	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	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
67-64-1	Acetone	Decrease in production levels	
141-32-2	Butyl acrylate	Decrease in production levels	
68-12-2	N,N-Dimethylformamide	Decrease in production levels	
100-42-5	Styrene	Decrease in production levels	

### Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Total Releases to Air	0.5060 tonnes	0.462 tonnes	2016	0.0440	9.52
67-64-1	Acetone	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total Releases to All Media	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total Releases to All Media	0.0137 tonnes	0.02 tonnes	2016	-0.0063	-31.50
68-12-2	N,N-Dimethylformamide	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Total Releases to All Media	0.0016 tonnes	0.002 tonnes	2016	-0.0004	-20.0
100-42-5	Styrene	No	Total Releases to Air	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Total Releases to All Media	0.065 tonnes	0.094 tonnes	2016	-0.029	-30.85

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	Other	Slight increase in frequency of acetone cleaning and rinsing.
141-32-2	Butyl acrylate	Decrease in production levels	
68-12-2	N,N-Dimethylformamide	Decrease in production levels	
100-42-5	Styrene	Decrease in production levels	

Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Total On-site Disposals	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total Off-site Disposals	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total Off-site transfer for treatment Prior to Final Disposal	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total On-site Disposals	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total Off-site Disposals	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total Off-site transfer for treatment Prior to Final Disposal	0.0001 tonnes	0.0002 tonnes	2016	-0.0001	-50.0
141-32-2	Butyl acrylate	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Total On-site Disposals	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Total Off-site Disposals	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Total Off-site transfer for treatment Prior to Final Disposal	0.0056 tonnes	0.0306 tonnes	2016	-0.0250	-81.70
68-12-2	N,N-Dimethylformamide	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
68-12-2	N,N-Dimethylformamide	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Total On-site Disposals	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Total Off-site Disposals	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Total Off-site transfer for treatment Prior to Final Disposal	0.0002 tonnes	0.0006 tonnes	2016	-0.0004	-66.67
100-42-5	Styrene	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
100-42-5	Styrene	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	

Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	No reasons - quantities approximately the same	
141-32-2	Butyl acrylate	Decrease in production levels	
68-12-2	N,N-Dimethylformamide	Decrease in production levels	
100-42-5	Styrene	Decrease in production levels	

Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
67-64-1	Acetone	No	Total off-site Transfers for Recycling	0 tonnes	0 tonnes	2016	0	
141-32-2	Butyl acrylate	No	Total off-site Transfers for Recycling	0.0019 tonnes	0.0041 tonnes	2016	-0.0022	-53.66
68-12-2	N,N-Dimethylformamide	No	Total off-site Transfers for Recycling	10.8738 tonnes	12.2735 tonnes	2016	-1.3997	-11.40
100-42-5	Styrene	No	Total off-site Transfers for Recycling	0.0079 tonnes	0.0171 tonnes	2016	-0.0092	-53.80

Comparison Report - Transfers off-site for Recycling - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
67-64-1	Acetone	No reasons - quantities approximately the same	
141-32-2	Butyl acrylate	Decrease in production levels	
68-12-2	N,N-Dimethylformamide	Decrease in production levels	
100-42-5	Styrene	Decrease in production levels	

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?

Yes

c) Does the plan address substances, energy conservation, or water conservation?

Substances (provide the name of the primary Substances in the comments field below)  
Energy conservation  
Water conservation

Please summarize your pollution prevention plan. If you selected "Substances", please specify the substances that were addressed in your plan (this information will be publicly available).

Change production schedule to reduce changeover activity. Optimize equipment to reduce waste. Projects involving 5S

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

Yes

Pollution Prevention Activities

Category	Activity	Name and description of the other activity
Equipment or Process Modification	Modified equipment, layout or piping Other (specify in comments field)	Modify equipment for waste increase waste processing.
Good Operating Practice or Training	Changed production schedule to minimize equipment and feedstock changeovers Training related to pollution prevention	Production schedule changes to reduce changeover activities. Increased spill prevention and cleanup training for all staff. Implemented changes to procedure for chemical deliveries.
Inventory Management or Purchasing Techniques		
Materials or feedstock substitution		
On-site Reuse, Recycling or Recovery		
Other Pollution Prevention Activities		
Product Design or Reformulation		
Spill and Leak Prevention		

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
67-64-1	Acetone	None
141-32-2	Butyl acrylate	None
68-12-2	N,N-Dimethylformamide	None
100-42-5	Styrene	None

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
67-64-1	Acetone	No quantity target	No timeline target	
141-32-2	Butyl acrylate	No quantity target	No timeline target	
68-12-2	N,N-Dimethylformamide	No quantity target	No timeline target	
100-42-5	Styrene	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
67-64-1	Acetone	No quantity target	No timeline target	
141-32-2	Butyl acrylate	No quantity target	No timeline target	
68-12-2	N,N-Dimethylformamide	No quantity target	No timeline target	
100-42-5	Styrene	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	Describe any additional actions that were taken during the reporting period	Provide a public summary of the description of the
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		the use and/or creation of the substance?	to achieve the plan's objectives	additional action taken
67-64-1	Acetone	No		
141-32-2	Butyl acrylate	No		
68-12-2	N,N-Dimethylformamide	No		
100-42-5	Styrene	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
67-64-1	Acetone	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
67-64-1	Acetone	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
141-32-2	Butyl acrylate	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
68-12-2	N,N-Dimethylformamide	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
100-42-5	Styrene	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
100-42-5	Styrene	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
100-42-5	Styrene	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
100-42-5	Styrene	The amount of reduction in <b>release to air</b> 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
100-42-5	Styrene	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
100-42-5	Styrene	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
100-42-5	Styrene	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
100-42-5	Styrene	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
100-42-5	Styrene	The amount of reduction in the substance <b>recycled off-site</b> 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
67-64-1	Acetone	No		
141-32-2	Butyl acrylate	No		
68-12-2	N,N-Dimethylformamide	No		
100-42-5	Styrene	No		

Empty

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