

National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2015
Report Type:	NPRI,ON MOE TRA
Report Status:	Ready to Submit
Modified Date/Time:	01/06/2016 9:57 AM

Company and Facility Details

Company Name:	The Direct Plastics Group
Business Number:	101398451
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 20 Stewart Court Court City, Province/Territory, Postal Code: Orangeville Ontario L9W3Z9 Country: Canada
Facility Name:	Direct Plastics Limited
NAICS Code:	323119
NPRI ID:	11388
ON Reg 127/01 ID:	11047
Physical Address:	Address Line 1: 20 Stewart Court City, Province/Territory, Postal Code: Orangeville Ontario L9W3Z9 Country: Canada Latitude: 43.90820 Longitude: -80.11500 UTM Zone: 17 UTM Easting: 571046 UTM Northing: 4862061

Parent Companies

Company Name:	Hilex Poly Co. LLC
Business Number:	101398451
Mailing Address:	Delivery Mode: SuburbanServices Address Line 1: 101 East Carolina Avenue City, Province/Territory, Postal Code: Hartsville SouthCarolina 29550 Country: UnitedStates

Contacts Details

Contact Type	Technical Contact, Contractor Contact, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Wendy Nadan
Position:	Principal
Telephone:	5199404724

Email:	wendy@nadanconsulting.com
Independent contractor/consultant company name:	Nadan Consulting
Mailing Address:	Delivery Mode: SuburbanServices Address Line 1: 151 Montgomery Boulevard City, Province/Territory, Postal Code: Orangeville Ontario L9W 5C1 Country: Canada
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Michael Vidler
Position:	Vice President & General Manager
Telephone:	5199428511
Fax:	5199423979
Email:	mike.vidler@novolex.com
Mailing Address:	Delivery Mode: SuburbanServices Address Line 1: 20 Stewart Court City, Province/Territory, Postal Code: Orangeville Ontario L9W3Z9 Country: Canada
Contact Type	Company Coordinator
Name:	Andrew Murray
Position:	Quality Assurance Manager
Telephone:	5199428511
Email:	andrew.murray@novolex.com
Mailing Address:	Delivery Mode: SuburbanServices Address Line 1: 20 Stewart Court City, Province/Territory, Postal Code: Orangeville Ontario L9W3Z9 Country: Canada

General Information

Number of employees:	115
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:	Yes
Did the facility report under other environmental regulations or permits:	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	Yes
Was the facility shut down for more than one week during the year:	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri, Sat, Sun
Usual Number of Operating Hours per day:	24
Usual Daily Start Time (24h) (hh:mm):	00:01

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - M16	Volatile Organic Compounds (VOCs)	160.6670	37.8320	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
NA - M16	Volatile Organic Compounds (VOCs)	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
NA - M16	Volatile Organic Compounds (VOCs)		No	Yes

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
NA - M16	Volatile Organic Compounds (VOCs)			

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - M16	Volatile Organic Compounds (VOCs)			

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - M16	Volatile Organic Compounds (VOCs)	Use	266.129 tonnes	No
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0 tonnes	No
NA - M16	Volatile Organic Compounds (VOCs)	Contained		

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained	Quantity
64-17-5	Ethanol	Use	14.262 tonnes
64-17-5	Ethanol	Creation	0 tonnes
141-78-6	Ethyl acetate	Use	3.78 tonnes
141-78-6	Ethyl acetate	Creation	0 tonnes
67-63-0	Isopropyl alcohol	Use	8.327 tonnes
67-63-0	Isopropyl alcohol	Creation	0 tonnes
64742-89-8	Solvent naphtha light aliphatic	Use	11.464 tonnes
64742-89-8	Solvent naphtha light aliphatic	Creation	0 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	37.833 tonnes
Creation	0 tonnes

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	Incidents out of the normal course of events	Significant Process Change
NA - M16	Volatile Organic Compounds (VOCs)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	C - Mass Balance		136.567 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Fugitive Releases	C - Mass Balance		24.1 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		160.667 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air

CAS RN	Substance Name	Total - Releases to Air
NA - M16	Volatile Organic Compounds (VOCs)	160.667 tonnes

On-site Releases - Releases to air - VOC Breakdown List

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	64-17-5	Ethanol	14.262 tonnes
Other Sources - Speciated VOCs	141-78-6	Ethyl acetate	3.779 tonnes
Other Sources - Speciated VOCs	67-63-0	Isopropyl alcohol	8.327 tonnes
Other Sources - Speciated VOCs	64742-89-8	Solvent naphtha light aliphatic	11.464 tonnes

On-site Releases - Total

On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
NA - M16	Volatile Organic Compounds (VOCs)	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

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

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
NA - M16	Volatile Organic Compounds (VOCs)	Changes in production levels	

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
64-17-5	Ethanol	Yes	Enters the facility (Use)	14.262 tonnes	16.717 tonnes	2014	-2.455	-14.69
64-17-5	Ethanol	Yes	Creation	0 tonnes	0 tonnes	2014	0	
141-78-6	Ethyl acetate	Yes	Enters the facility (Use)	3.78 tonnes	14.2 tonnes	2014	-10.42	-73.38
141-78-6	Ethyl acetate	Yes	Creation	0 tonnes	0 tonnes	2014	0	
67-63-0	Isopropyl alcohol	Yes	Enters the facility (Use)	8.327 tonnes	8.453 tonnes	2014	-0.126	-1.49
67-63-0	Isopropyl alcohol	Yes	Creation	0 tonnes	0 tonnes	2014	0	
64742-89-8	Solvent naphtha light aliphatic	Yes	Enters the facility (Use)	11.464 tonnes	10.524 tonnes	2014	0.940	8.93
64742-89-8	Solvent naphtha light aliphatic	Yes	Creation	0 tonnes	0 tonnes	2014	0	

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M16	Volatile Organic Compounds (VOCs)	Other	change in formulation

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
64-17-5	Ethanol	Yes	Total Releases to Air	14.262 tonnes	16.717 tonnes	2014	-2.455	-14.69
141-78-6	Ethyl acetate	Yes	Total Releases to Air	3.779 tonnes	14.2 tonnes	2014	-10.421	-73.39
67-63-0	Isopropyl alcohol	Yes	Total Releases to Air	8.327 tonnes	8.453 tonnes	2014	-0.126	-1.49
64742-89-8	Solvent naphtha light aliphatic	Yes	Total Releases to Air	11.464 tonnes	10.524 tonnes	2014	0.940	8.93

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M16	Volatile Organic Compounds (VOCs)	Other	change in formulation used

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Yes

a) Please check all that apply

Plan was prepared or implemented for another government jurisdiction (i.e. other Federal government department, province, municipality). Specify name in comments field below.

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

No

Please summarize your pollution prevention plan and/or your pollution prevention activities (this information will be publicly available)

ontario toxics reduction plan

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
64-17-5	Ethanol	The Direct Plastics Group has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.
141-78-6	Ethyl acetate	The Direct Plastics Group has prepared this toxic substance reduction plan for VOC to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
64-17-5	Ethanol	No quantity target	No timeline target	
141-78-6	Ethyl acetate	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
64-17-5	Ethanol	No quantity target	No timeline target	
141-78-6	Ethyl acetate	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
64-17-5	Ethanol	No		
141-78-6	Ethyl acetate	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
64-17-5	Ethanol	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
64-17-5	Ethanol	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.	
64-17-5	Ethanol	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.	
64-17-5	Ethanol	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.	
64-17-5	Ethanol	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.	
64-17-5	Ethanol	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.	
64-17-5	Ethanol	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
141-78-6	Ethyl acetate	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.	
141-78-6	Ethyl acetate	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.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
141-78-6	Ethyl acetate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
141-78-6	Ethyl acetate	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.	
141-78-6	Ethyl acetate	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.	
141-78-6	Ethyl acetate	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
64-17-5	Ethanol	No		
141-78-6	Ethyl acetate	No		

Empty

Version: 3.10.0



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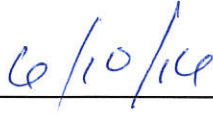
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As of June 1, 2016, I, Mike Vidler, certify that I have read the toxic substance reduction plans for ethanol and ethyl acetate and am familiar with their contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



Mike Vidler, Sr. VP and GM



Date