

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:	Submitted
Modified Date/Time:	17/05/2016 3:47 PM

Company and Facility Details

Company Name:	Belle-Pak Packaging Inc.
Business Number:	130471436
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 7465 Birchmount Road City, Province/Territory, Postal Code: Markham Ontario L3R5X9 Country: Canada
Facility Name:	BELLE-PAK PACKAGING INC.
NAICS Code:	323119
NPRI ID:	11005
Physical Address:	Address Line 1: 7465 Birchmount Road City, Province/Territory, Postal Code: Markham Ontario L3R5X9 Country: Canada Latitude: 43.83490 Longitude: -79.31800 UTM Zone: 17 UTM Easting: 635227 UTM Northing: 4854910

Contacts Details

Contact Type	Technical Contact, Certifying Official, Company Coordinator, Highest Ranking Employee, Public Contact
Name:	Kenny Ramsundar
Position:	Plant Manager
Telephone:	9054755151
Email:	rob@belle-pak.com
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: City, Province/Territory, Postal Code: Markham Ontario L3R5X9 Country: Canada
Contact Type	Contractor Contact, Person who prepared the report
Name:	Ravi Sharma
Position:	Project Manager
Telephone:	9054719890

Fax:	9054716439
Email:	etcosca@gmail.com
Independent contractor/consultant company name:	ETCOS Inc. Environmental
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: City, Province/Territory, Postal Code: Markham Ontario L3S2N1 Country: Canada

General Information

Number of employees:	80
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:	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
Usual Number of Operating Hours per day:	16
Usual Daily Start Time (24h) (hh:mm):	08:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - M16	Volatile Organic Compounds (VOCs)	150.3000	9.6200	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	231.214 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0 tonnes	Yes
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	8.695 tonnes
64-17-5	Ethanol	Creation	0 tonnes
141-78-6	Ethyl acetate	Use	3.389 tonnes
141-78-6	Ethyl acetate	Creation	0 tonnes
67-63-0	Isopropyl alcohol	Use	2.900 tonnes
67-63-0	Isopropyl alcohol	Creation	0 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained	Quantity
Use	14.984 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)	There is a change in the purchasing records.	As a result of implementing a recommendation made by a toxic reduction planner to change the method	Purchasing quantities of the speciated VOCs. Increase in production levels.		Yes

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		135.3 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Fugitive Releases	C - Mass Balance		15 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		150.3 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - M16	Volatile Organic Compounds (VOCs)	150.3 tonnes

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

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	64-17-5	Ethanol	3.78 tonnes
Other Sources - Speciated VOCs	141-78-6	Ethyl acetate	3.7 tonnes
Other Sources - Speciated VOCs	67-63-0	Isopropyl alcohol	2.14 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	Increase 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
141-78-6	Ethyl acetate	Yes	Enters the facility (Use)	3.389 tonnes	1.776 tonnes	2013	1.613	90.82
141-78-6	Ethyl acetate	Yes	Creation	0 tonnes	0 tonnes	2013	0	
64-17-5	Ethyl Alcohol	Yes	Enters the facility (Use)	8.695 tonnes	8.451 tonnes	2013	0.244	2.89
64-17-5	Ethyl Alcohol	Yes	Creation	0 tonnes	0 tonnes	2013	0	
67-63-0	Isopropyl alcohol	Yes	Enters the facility (Use)	2.900 tonnes	2.738 tonnes	2013	0.162	5.92
67-63-0	Isopropyl alcohol	Yes	Creation	0 tonnes	0 tonnes	2013	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)	Increase 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
141-78-6	Ethyl acetate	Yes	Total Releases to Air	3.7 tonnes	1.421 tonnes	2013	2.279	160.38
64-17-5	Ethyl Alcohol	Yes	Total Releases to Air	3.78 tonnes	6.761 tonnes	2013	-2.981	-44.09
67-63-0	Isopropyl alcohol	Yes	Total Releases to Air	2.14 tonnes	2.19 tonnes	2013	-0.05	-2.28

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)	Increase in production levels	

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

Yes

Pollution Prevention Activities

Category	Activity	Name and description of the other activity
Equipment or Process Modifications		
Good Operating Practice or Training		
Inventory Management or Purchasing Techniques		
Materials or feedstock substitution		
On-site Re-use, Recycling, or Recovery		
Other Pollution Prevention Activities		
Product Design or Reformulation	Other (specify in comments field)	Ink formulation for less substance usage.
Spill or Leak Prevention Activities		

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
64-17-5	Ethanol	To reduce by 2% over the next 5 years.
141-78-6	Ethyl acetate	To reduce by 2% over the next 5 years.
67-63-0	Isopropyl alcohol	To reduce by 2% over the next 5 years.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
64-17-5	Ethanol	201 kg	5	
141-78-6	Ethyl acetate	48 kg	5	
67-63-0	Isopropyl alcohol	61 kg	5	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
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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	
67-63-0	Isopropyl alcohol	No quantity target	No timeline target	It is not created.

Progress on TRA Plan - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Steps that were taken in the reporting period to implement the toxic reduction option	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
64-17-5	Ethanol	Training related to toxics substance reduction	The company was in touch with the Ink suppliers to reduce the content of the material in Ink formulations.	The company is working with the Ink suppliers to reduce the usage of the material.	The steps taken are better than the expectation.	The company is working with the Ink suppliers to reduce the usage of the material.
141-78-6	Ethyl acetate	Training related to toxics substance reduction	As certain product specifications requirement of the end usage customers, the amount of material use has since increased.	The company is working with the Ink formulation suppliers and end usage customers.	The company is hopeful of reducing the usage.	The company is working with the Ink formulation suppliers and end usage customers.
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The company is continuously in touch with Ink formulation suppliers and end usage customers for the reduction of material usage.	The company is working with end usage customers and Ink formulation suppliers.	Company is hopeful of meeting the reduction targets.	The company is working with end usage customers and Ink formulation suppliers.

Progress on TRA Plan - Reductions due to Options Implemented - Good operator practice or training

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
64-17-5	Ethanol	Training related to toxics substance reduction	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	4.22 tonnes
64-17-5	Ethanol	Training related to toxics substance reduction	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64-17-5	Ethanol	Training related to toxics substance reduction	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
64-17-5	Ethanol	Training related to toxics substance reduction	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	3.784 tonnes
64-17-5	Ethanol	Training related to toxics substance reduction	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
64-17-5	Ethanol	Training related to toxics substance reduction	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
64-17-5	Ethanol	Training related to toxics substance reduction	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 steps described:	No Amount
64-17-5	Ethanol	Training related to toxics substance reduction	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 steps described:	No Amount
64-17-5	Ethanol	Training related to toxics substance reduction	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	2.038 tonnes
141-78-6	Ethyl acetate	Training related to toxics substance reduction	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	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 steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	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 steps described:	No Amount
141-78-6	Ethyl acetate	Training related to toxics substance reduction	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	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 steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	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 steps described:	No Amount
67-63-0	Isopropyl alcohol	Training related to toxics substance reduction	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the steps described:	No Amount

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		
67-63-0	Isopropyl alcohol	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 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.	
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.	
67-63-0	Isopropyl alcohol	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	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.	
67-63-0	Isopropyl alcohol	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.	
67-63-0	Isopropyl alcohol	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
67-63-0	Isopropyl alcohol	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.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
67-63-0	Isopropyl alcohol	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.	
67-63-0	Isopropyl alcohol	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		
67-63-0	Isopropyl alcohol	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

Belle-Pak Packaging Inc.

Certifying Official (or authorized delegate)

Kenny Ramsundar

Report Submitted by

Ravi Sharma

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 17/05/2016, I, Kenny Ramsundar, 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

NA - M16

Volatile Organic Compounds (VOCs)

Company Name

Belle-Pak Packaging Inc.

Highest Ranking Employee

Kenny Ramsundar

Report Submitted by

Ravi Sharma

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

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: 3.10.0



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