

# National Pollutant Release Inventory (NPRI) and



Canada

Report Submission Management

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## Report Preview

### Report Details

Report Year

2016

Report Type:

NPRI,ON MOE TRA

Report Status:

Update 1 - Submitted

Modified Date/Time:

20/12/2017 2:30 PM

Report Update Comments:

The 2016 Inventory Report is being updated to include TRA Comparisons and Comments on TRA Plan progression.

### Company and Facility Details

Company Name:

Reaction Distributing Inc.

Business Number:

867701674

Mailing Address:

Address Line 1: 95 - Woodworth Avenue  
City, Province/Territory, Postal Code: St. Thomas Ontario N5P3J9  
Country: Canada

Facility Name:

St. Thomas

NAICS Code:

332319

NPRI ID:

11846

Physical Address:

Address Line 1: 95 Woodworth Avenue  
City, Province/Territory, Postal Code: St. Thomas Ontario N5P3J9  
Country: Canada  
Latitude: 42.78018  
Longitude: 81.17192  
UTM Zone: 17  
UTM Easting: 485377  
UTM Northing: 4736795

### Parent Companies

Company Name:

Reaction Holdings Inc.

Business Number:

867701674

Mailing Address:

Address Line 1: 44 Spiers Crescent  
City, Province/Territory, Postal Code: Ajax Ontario L1S6Y7  
Country: Canada

### Contacts Details

Contact Type

Technical Contact, Public Contact

Name:

John Neufeld

Position:

Operations Manager

Telephone:	5196336060
Fax:	5196315438
Email:	JNeufeld@balers.com
Contact Type	Certifying Official, Company Coordinator, Highest Ranking Employee, Person who prepared the report
Name:	Larry Vine
Position:	President
Telephone:	9054266442
Fax:	9054265925
Email:	Irvine@balers.com

## General Information

Number of employees:	19
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:	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No

## Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 08	Lead (and its compounds)	0.0360	N/A	N/A	121.4500	kg
NA - 09	Manganese (and its compounds)	0.0012	N/A	N/A	0.7630	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 - 08	Lead (and its compounds)	Yes	Yes		No
NA - 09	Manganese (and its compounds)	No	No		No

## TRA Exit Record

CAS RN	Substance Name	Circumstance(s) that apply	Describe the circumstances that lead to the criteria no longer being met	Describe the information and any quantifications relied upon for making the determination
NA - 09	Manganese (and its compounds)	The substance did not meet the criteria to provide information to NPRI	The facility used less amount of steel and wire containing manganese resulting in the MPO value for manganese being below the reporting threshold for 2016.	Facility material usage quantities and composition data was used to quantify the MPO value for manganese.

## 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 - 08	Lead (and its compounds)	Yes	No	No

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 - 09	Manganese (and its compounds)	Yes	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
NA - 08	Lead (and its compounds)	No	No	Yes
NA - 09	Manganese (and its compounds)	No	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
NA - 08	Lead (and its compounds)		As a by-product	
NA - 09	Manganese (and its compounds)		As a by-product	

## TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 08	Lead (and its compounds)	Use	1159.910 kg	Yes
NA - 08	Lead (and its compounds)	Creation	0 kg	Yes
NA - 08	Lead (and its compounds)	Contained in Product	1038.424 kg	Yes

## TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impacted tracking and quantification of the substance	Description of how an incident(s) affected quantifications	Significant Process Change
NA - 08	Lead (and its compounds)					No

## On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 08	Lead (and its compounds)	Stack or Point Releases	E2 - Published Emission Factors		0.036 kg
NA - 09	Manganese (and its compounds)	Stack or Point Releases	E2 - Published Emission Factors		0.0012 tonnes

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

CAS RN	Substance Name	Total - Releases to Air
NA - 08	Lead (and its compounds)	0.036 kg
NA - 09	Manganese (and its compounds)	0.0012 tonnes

## On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 08	Lead (and its compounds)	0.036 kg
NA - 09	Manganese (and its compounds)	0.0012 tonnes

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

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 08	Lead (and its compounds)	25	25	25	25
NA - 09	Manganese (and its compounds)	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
NA - 08	Lead (and its compounds)	No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)	Changes in production levels	

## Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
NA - 08	Lead (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)		No significant change (i.e. < 10%) or no change	

### Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 08	Lead (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		121.450 kg
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		0.763 tonnes

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

CAS RN	Substance Name	Total - Off-site Transfers for Recycling		
NA - 08	Lead (and its compounds)	121.450 kg		
NA - 09	Manganese (and its compounds)	0.763 tonnes		

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

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 08	Lead (and its compounds)	Recovery of Metals and Metal Compounds	John Zubick Ltd.	105 Clarke Rd., London, ON, Canada	121.450 kg
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	John Zubick Ltd.	105 Clarke Rd., London, ON, Canada	0.763 tonnes

### Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 08	Lead (and its compounds)	Production Residues	No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)	Production Residues	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
NA - 08	Lead (and its compounds)	No	Enters the facility (Use)	1159.910 kg	1621.000 kg	2015	-461.090	-28.44
NA - 08	Lead (and its compounds)	No	Creation	0 kg	0 kg	2015	0	
NA - 08	Lead (and its compounds)	No	Contained in Product	1038.424 kg	1503.000 kg	2015	-464.576	-30.91

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 08	Lead (and its compounds)	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
NA - 08	Lead (and its compounds)	No	Total Releases to Air	0.036 kg	0.036 kg	2015	0.000	0
NA - 08	Lead (and its compounds)	No	Total Releases to Water	0 kg	0 kg	2015	0	
NA - 08	Lead (and its compounds)	No	Total Releases to Land	0 kg	0 kg	2015	0	
NA - 08	Lead (and its compounds)	No	Total Releases to All Media	0 kg				

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 08	Lead (and its compounds)	No reasons - quantities approximately the same	

### 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
NA - 08	Lead (and its compounds)							

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 08	Lead (and its compounds)	No	Total off-site Transfers for Recycling	121.450 kg	119.000 kg	2015	2.450	2.06

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 08	Lead (and its compounds)	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

## Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 08	Lead (and its compounds)	Reaction Distributing prides itself on technological innovation in order to machine large trash bins and industrial waste compactors in an environmentally responsible manner. Reaction Distributing will strive to eliminate the use of lead at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time. Reaction Distributing was unable to identify any reduction options; therefore, there is no reduction objective in this plan.

## Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 08	Lead (and its compounds)	No quantity target	No timeline target	

## Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 08	Lead (and its compounds)	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
NA - 08	Lead (and its compounds)	No		

## Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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
NA - 08	Lead (and its compounds)	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

Reaction Distributing Inc.

Certifying Official (or authorized delegate)

Larry Vine

Report Submitted by

Larry Vine

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 20/12/2017, I, Larry Vine, 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 - 08	Lead (and its compounds)

### Exit Record Certification Statement

As of 20/12/2017, I Larry Vine, certify that I have read the records created for the purposes of section 11.2 of Ontario Regulation 455/09 (General) made under the Toxics Reductions Act, (2009) in respect of the use and creation of the toxic substances referred to below at St. Thomas and am familiar with their contents and to my knowledge they are factually accurate.

### TRA Exit Record Substances

CAS RN	Substance Name
NA - 09	Manganese (and its compounds)

Company Name

Reaction Distributing Inc.

Highest Ranking Employee

Larry Vine

Report Submitted by

Larry Vine

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.

Period	Submission Date	Facility Name	Province	City	Programs
2016	20/12/2017	St. Thomas	Ontario	St. Thomas	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: 3.12.1



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