



National Pollutant Release Inventory (NPRI) and

Partnership Management

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Report Preview

Report Details

Report Year

2012

Report Type:

NPRI,ON MOE TRA

Report Status:

Submitted

Modified Date/Time:

01/06/2013 11:34 AM

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

Name:

John Neufeld

Position:

Operations Manager

Telephone:

5196336060

Fax:

5196315438

Email:

JNeufeld@balers.com

Contact Type	Certifying Official, Highest Ranking Employee		
Name:	Larry Vine		
Position:	President		
Telephone:	9054266442		
Fax:	9054265925		
Email:	lvine@balers.com		
Contact Type	Company Coordinator		
Name:	Larry Vine		
Position:	President		
Telephone:	9054266442		
Fax:	9054265925		
Email:	lvine@balers.com		
Contact Type	Contractor Contact, Person who prepared the report		
Name:	Kaitlin Ryan		
Position:	Environmental Consultant		
Telephone:	5198840510		
Fax:	5198840525		
Email:	kryan@craworld.com		
Independent contractor/consultant company name:	Conestoga-Rovers & Associates Ltd.		
Contact Type	Public Contact		
Name:			

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		
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri		
Usual Number of Operating Hours per day:	9		
Usual Daily Start Time (24h) (hh:mm):	07:00		

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 04	Chromium (and its compounds)	0.0002	N/A	N/A	2.7140	tonnes
NA - 06	Copper (and its compounds)	0.0020	N/A	N/A	1.5970	tonnes

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 08	Lead (and its compounds)	0.0360	N/A	N/A	558.8230	kg
NA - 09	Manganese (and its compounds)	0.0340	N/A	N/A	3.5130	tonnes
NA - 11	Nickel (and its compounds)	0.0002	N/A	N/A	3.3530	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 - 04	Chromium (and its compounds)	Yes	Yes		Yes
NA - 06	Copper (and its compounds)	Yes	Yes		Yes
NA - 08	Lead (and its compounds)	Yes	Yes		Yes
NA - 09	Manganese (and its compounds)	Yes	Yes		Yes
NA - 11	Nickel (and its compounds)	Yes	Yes		Yes

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 - 04	Chromium (and its compounds)	Yes	No	No
NA - 06	Copper (and its compounds)	Yes	No	No
NA - 08	Lead (and its compounds)	Yes	No	No
NA - 09	Manganese (and its compounds)	Yes	No	No
NA - 11	Nickel (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 - 04	Chromium (and its compounds)	No	No	Yes
NA - 06	Copper (and its compounds)	No	No	Yes
NA - 08	Lead (and its compounds)	No	No	Yes
NA - 09	Manganese (and its compounds)	No	No	Yes
NA - 11	Nickel (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 - 04	Chromium (and its compounds)		As a by-product	
NA - 06	Copper (and its compounds)		As a by-product	
NA - 08	Lead (and its compounds)		As a by-product	
NA - 09	Manganese (and its compounds)		As a by-product	
NA - 11	Nickel (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 - 04	Chromium (and its compounds)	Use	20.044 tonnes	No
NA - 04	Chromium (and its compounds)	Creation	0 tonnes	No
NA - 04	Chromium (and its compounds)	Contained in Product	17.329 tonnes	No
NA - 06	Copper (and its compounds)	Use	12.113 tonnes	No
NA - 06	Copper (and its compounds)	Creation	0 tonnes	No
NA - 06	Copper (and its compounds)	Contained in Product	10.515 tonnes	No
NA - 08	Lead (and its compounds)	Use	4126.693 kg	No
NA - 08	Lead (and its compounds)	Creation	0 kg	No
NA - 08	Lead (and its compounds)	Contained in Product	3567.833 kg	No
NA - 09	Manganese (and its compounds)	Use	32.391 tonnes	No

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 09	Manganese (and its compounds)	Creation	0 tonnes	No
NA - 09	Manganese (and its compounds)	Contained in Product	28.844 tonnes	No
NA - 11	Nickel (and its compounds)	Use	24.760 tonnes	No
NA - 11	Nickel (and its compounds)	Creation	0 tonnes	No
NA - 11	Nickel (and its compounds)	Contained in Product	21.407 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
NA - 04	Chromium (and its compounds)					No
NA - 06	Copper (and its compounds)					No
NA - 08	Lead (and its compounds)					No
NA - 09	Manganese (and its compounds)					No
NA - 11	Nickel (and its compounds)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 04	Chromium (and its compounds)	Stack or Point Releases	E2 - Published Emission Factors		0.0002 tonnes
NA - 06	Copper (and its compounds)	Stack or Point Releases	E2 - Published Emission Factors		0.002 tonnes
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		0.034 tonnes
NA - 11	Nickel (and its compounds)	Stack or Point Releases	E2 - Published Emission Factors		0.0002 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
NA - 04	Chromium (and its compounds)	0.0002 tonnes
NA - 06	Copper (and its compounds)	0.002 tonnes
NA - 08	Lead (and its compounds)	0.036 kg
NA - 09	Manganese (and its compounds)	0.034 tonnes
NA - 11	Nickel (and its compounds)	0.0002 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
NA - 04	Chromium (and its compounds)	0.0002 tonnes
NA - 06	Copper (and its compounds)	0.002 tonnes
NA - 08	Lead (and its compounds)	0.036 kg
NA - 09	Manganese (and its compounds)	0.034 tonnes
NA - 11	Nickel (and its compounds)	0.0002 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
NA - 04	Chromium (and its compounds)	25	25	25	25
NA - 06	Copper (and its compounds)	25	25	25	25
NA - 08	Lead (and its compounds)	25	25	25	25
NA - 09	Manganese (and its compounds)	25	25	25	25
NA - 11	Nickel (and its compounds)	25	25	25	25

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 - 08	its compounds)												
NA - 09	Manganese (and its compounds)												
NA - 11	Nickel (and its compounds)												

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 - 04	Chromium (and its compounds)	Not applicable (first year reporting this substance)	
NA - 06	Copper (and its compounds)	Not applicable (first year reporting this substance)	
NA - 08	Lead (and its compounds)	No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)	Not applicable (first year reporting this substance)	
NA - 11	Nickel (and its compounds)	Not applicable (first year reporting this substance)	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
NA - 04	Chromium (and its compounds)		Not applicable (first year reporting this substance)	
NA - 06	Copper (and its compounds)		Not applicable (first year reporting this substance)	
NA - 08	Lead (and its compounds)		No significant change (i.e. < 10%) or no change	
NA - 09	Manganese (and its compounds)		Not applicable (first year reporting this substance)	
NA - 11	Nickel (and its compounds)		Not applicable (first year reporting this substance)	

Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		2.714 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		1.597 tonnes
NA - 08	Lead (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		558.823 kg
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		3.513 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	O - Engineering Estimates		3.353 tonnes

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 04	Chromium (and its compounds)	2.714 tonnes
NA - 06	Copper (and its compounds)	1.597 tonnes
NA - 08	Lead (and its compounds)	558.823 kg
NA - 09	Manganese (and its compounds)	3.513 tonnes
NA - 11	Nickel (and its compounds)	3.353 tonnes

Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 04	Chromium (and its compounds)	Recovery of Metals and Metal Compounds	John Zubick Ltd.	105 Clarke Rd., London, ON, Canada	2.714 tonnes
NA - 06	Copper (and its compounds)	Recovery of Metals and Metal Compounds	John Zubick Ltd.	105 Clarke Rd., London, ON, Canada	1.597 tonnes
NA - 08	Lead (and its compounds)	Recovery of Metals and Metal Compounds	John Zubick Ltd.	105 Clarke Rd., London, ON, Canada	558.823 kg
NA - 09	Manganese (and its compounds)	Recovery of Metals and Metal Compounds	John Zubick Ltd.	105 Clarke Rd., London, ON, Canada	3.513 tonnes
NA - 11	Nickel (and its compounds)	Recovery of Metals and Metal Compounds	John Zubick Ltd.	105 Clarke Rd., London, ON, Canada	3.353 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 - 04	Chromium (and its compounds)	Production Residues	Not applicable (first year reporting this substance)	
NA - 06	Copper (and its compounds)	Production Residues	Not applicable (first year reporting this substance)	
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	Not applicable (first year reporting this substance)	
NA - 11	Nickel (and its compounds)	Production Residues	Not applicable (first year reporting this substance)	

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)	4126.693 kg	1504 kg	2010	2622.693	174.38
NA - 08	Lead (and its compounds)	No	Creation	0 kg	0 kg	2010	0	
NA - 08	Lead (and its compounds)	No	Contained in Product	3567.833 kg	1317 kg	2010	2250.833	170.91

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)	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
NA - 08	Lead (and its compounds)	No	Total Releases to Air	0.036 kg	0.0365 kg	2010	-0.0005	-1.37
NA - 08	Lead (and its compounds)	No	Total Releases to Water	0 kg	0 kg	2010	0	
NA - 08	Lead (and its compounds)	No	Total Releases to Land	0 kg	0 kg	2010	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)	No	Total off-site Transfers for Recycling	558.823 kg	187.0980 kg	2010	371.7250	198.68

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)	Increase 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?

No

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

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.

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 01/06/2013, 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 - 04	Chromium (and its compounds)
NA - 06	Copper (and its compounds)
NA - 08	Lead (and its compounds)
NA - 09	Manganese (and its compounds)
NA - 11	Nickel (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.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2012	01/06/2013	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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