

## Toxics Reduction Act Public Annual Report 2017

The legal and trade names of the owner and the operator of the facility, the street address of the facility and, if the mailing address of the facility is different from the street address, the mailing address. (See below)	CIF LAB SOLUTIONS LP 53 Courtland Avenue, Vaughan, Ontario L4K 3T2
Facility NPRI identification number	26475
The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01.	100
Number of full-time employees	70
North American Industry Classification System (NAICS) - 2, 4, and 6 digit codes	33 3339 333990
If applicable, the name, position and telephone number of the individual who is the contact at the facility for the public:	
Public Contact (if applicable)	Vince Occhipinti
Title	VP & General Manager
Phone Number	905.738.5821
Address of each person below if not the same as the facility	
Facility Name	CIF LAB SOLUTIONS
Address 1	53 Courtland Avenue
Address 2	
City	Vaughan
Province	Ontario
Postal Code	L4K 3T2
UTM Zone	17
UTM Easting	618185
UTM Northing	4852400
Latitude	43.81513
Longitude	-79.53015

Substance:	Methyl Isobutyl Ketone	
CAS Number:	108-10-1	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Propylene Glycol Methyl Ether Acetate	
CAS Number:	108-65-6	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 1 to 10	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Toluene	
CAS Number:	108-88-3	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	N-Butyl Acetate	
CAS Number:	123-86-4	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 1 to 10	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Xylene	
CAS Number:	1330-20-7	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 1 to 10	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching\for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Ethanol	
CAS Number:	64-17-5	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching\for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Methanol	
CAS Number:	67-56-1	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching\for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Ethyl acetate	
CAS Number:	141-78-6	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 10 to 100	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching\for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Acetone	
CAS Number:	67-64-1	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 1 to 10	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

Substance:	Isopropyl alcohol	
CAS Number:	67-63-0	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 1 to 10	tonnes
The amount of substance that was created:	0.000	tonnes
The amount of substance that was contained in product:	0.000	tonnes
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a> .		

## Comparison of Annual Reported Amounts

Substance:	Methyl Isobutyl Ketone			
CAS Number:	108-10-1			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 1 to 10	39.24
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Propylene Glycol Methyl Ether Acetate			
CAS Number:	108-65-6			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 1 to 10	> 1 to 10	> 1 to 10	37.00
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Toluene			
CAS Number:	108-88-3			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 10 to 100	> 10 to 100	33.14
The amount of substance that was contained in product:	> 0 to 1	> 0 to 1	> 0 to 1	-89.29%
	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	N-Butyl Acetate			
CAS Number:	123-86-4			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 1 to 10	> 1 to 10	> 1 to 10	-25.73
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Xylene			
CAS Number:	1330-20-7			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 1 to 10	> 1 to 10	> 0 to 1	26.11
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Ethanol			
CAS Number:	64-17-5			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 1 to 10	> 1 to 10	34.88
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Methanol			
CAS Number:	67-56-1			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 10 to 100	> 1 to 10	> 1 to 10	-45.45
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Ethyl acetate			
CAS Number:	141-78-6			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 1 to 10	> 1 to 10	> 1 to 10	42.87
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Acetone			
CAS Number:	67-64-1			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 1 to 10	> 1 to 10	> 1 to 10	29.30
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

Substance:	Isopropyl alcohol			
CAS Number:	67-63-0			
On a facility-wide basis:	2017	2016	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
The amount of substance that was created:	> 1 to 10	> 1 to 10	> 0 to 1	26.09
The amount of substance that was contained in product:	0.000	0.000	0.00	0%
On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at <a href="http://www.ec.gc.ca/inrp-npri/default.asp?lang=en">http://www.ec.gc.ca/inrp-npri/default.asp?lang=en</a>				

## Annual Progress Report – Calendar 2017

Substances for which toxic substance reduction plans have been prepared for 2012 reporting year:

Substance Name	CAS #	Date
Methyl Isobutyl Ketone	108-10-1	May 29, 2014*
Propylene Glycol Methyl Ether Acetate	108-65-6	May 29, 2014*
Toluene	108-88-3	May 29, 2014*
N-Butyl Acetate	123-86-4	May 29, 2014*
Xylene (Mixed Isomers)	1330-20-7	May 29, 2014*
Ethanol	64-17-5	May 29, 2014*
Methanol	67-56-1	May 29, 2014*
Methyl Ethyl Ketone	78-93-3	May 29, 2014*

\* Delay in submitting due to moving business to this location in 2012

Substances for which toxic substance reduction plans have been prepared for 2013 reporting year:

Substance Name	CAS #	Date
Ethyl Acetate	141-78-6	December 15, 2014
Acetone	67-64-1	December 15, 2014

Substance for which toxic substance reduction plan has been prepared for 2015 reporting year:

Substance Name	CAS #	Date
Solvent naphtha light aliphatic	64742-89-8	April 18, 2016

Substance for which toxic substance reduction plan has been prepared for 2016 reporting year:

Substance Name	CAS #	Date
Isopropyl alcohol	67-63-0	October 2, 2017



### Toxic Reduction Progress

The current reporting year saw increases in use for majority of the reportable substances primarily due to increase customer demand. However, several substances show increased in use due to material reformulation.

### Plan Implementation Progress

No additional actions outside the plans were taken in 2017 to reduce the use and/or creation for any of the reportable substances. No amendments were made to the toxic substances reduction plans in 2017.

Substance Name	CAS Number
Acetone	67-64-1
Ethyl acetate	141-78-6
Methyl Ethyl Ketone	78-93-3
N-Butyl Acetate	123-86-4
Methanol	67-56-1
Toluene	108-88-3
Propylene Glycol Methyl Ether Acetate	108-65-6
Methyl Isobutyl Ketone	108-10-1
Xylene	1330-20-7
Ethanol	64-17-5
Isopropyl alcohol	67-63-0

Note: Toxic Reduction Options fully implemented in 2017 for all of the above substances with the exception of Isopropyl alcohol - Roll Coat application system was not commissioned for production until the end of Jan 2018.

## ON MOE TRA - Electronic Certification Statement

### Annual Report Certification Statement

As of 18/05/2018, I, Vince Occhipinti, 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
67-64-1	Acetone
64-17-5	Ethanol
141-78-6	Ethyl acetate
67-63-0	Isopropyl alcohol
67-56-1	Methanol
108-10-1	Methyl isobutyl ketone
123-86-4	n-Butyl acetate
108-65-6	Propylene glycol methyl ether acetate
108-88-3	Toluene
1330-20-7	Xylene (all isomers)

### Exit Record Certification Statement

As of 18/05/2018, I Vince Occhipinti, 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 CIF LAB SOLUTIONS and am familiar with their contents and to my knowledge they are factually accurate.

### TRA Exit Record Substances

CAS RN	Substance Name
78-93-3	Methyl ethyl ketone
64742-89-8	Solvent naphtha light aliphatic

Company Name  
CIF Lab Solutions LP

Highest Ranking Employee  
Vince Occhipinti

Report Submitted by  
Vince Occhipinti

Website address  
<http://cifsolutions.com/about-cif/commitment-to-environment/toxics-reduction-act/>

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
2017	18/05/2018	CIF LAB SOLUTIONS	Ontario	Vaughan	NPRI, ON MOE TRA, ON MOE

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: 3.14.0

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