

Toxics Reduction Act Public Annual Report 2016

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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

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:	> 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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

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:	> 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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

Substance:	Methyl Ethyl Ketone**	
CAS Number:	78-93-3	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 0 to 1	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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

**** Exit Record in 2016**

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:	> 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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

Substance:	Solvent naphtha light aliphatic**	
CAS Number:	64742-89-8	
On a facility-wide basis:	Amount	Units
Amount that entered the facility as the substance itself or as a constituent of another substance:	> 0 to 1	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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

****Exit Record in 2016.**

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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en .		

***First time reporting this substance.**

Comparison of Annual Reported Amounts

Substance:	Methyl Isobutyl Ketone			
CAS Number:	108-10-1			
On a facility-wide basis:	2016	2015	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 10 to 100	> 1 to 10	> 1 to 10	116.35
The amount of substance that was created:	0.000	0.000	0.00	0%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Propylene Glycol Methyl Ether Acetate			
CAS Number:	108-65-6			
On a facility-wide basis:	2016	2015	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 1 to 10	> 1 to 10	> 0 to 1	60.53
The amount of substance that was created:	0.000	0.000	0.00	0%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Toluene			
CAS Number:	108-88-3			
On a facility-wide basis:	2016	2015	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 10 to 100	> 10 to 100	> 10 to 100	-25.79
The amount of substance that was created:	> 0 to 1	> 0 to 1	> 0 to 1	460%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	N-Butyl Acetate			
CAS Number:	123-86-4			
On a facility-wide basis:	2015	2014	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 1 to 10	> 10 to 100	> 10 to 100	-76.59
The amount of substance that was created:	0.000	0.000	0.00	0%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Xylene			
CAS Number:	1330-20-7			
On a facility-wide basis:	2016	2015	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 1 to 10	> 1 to 10	> 0 to 1	39.91
The amount of substance that was created:	0.000	0.000	0.00	0%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Ethanol			
CAS Number:	64-17-5			
On a facility-wide basis:	2016	2015	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 1 to 10	> 1 to 10	> 1 to 10	193.16
The amount of substance that was created:	0.000	0.000	0.00	0%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Methanol			
CAS Number:	67-56-1			
On a facility-wide basis:	2016	2015	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 1 to 10	> 10 to 100	> 10 to 100	-63.23
The amount of substance that was created:	0.000	0.000	0.00	0%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Methyl Ethyl Ketone			
CAS Number:	78-93-3			
On a facility-wide basis:	2016	2015	Difference	
Amount that entered the facility as the substance itself or as a constituent of another substance:	tonnes	tonnes	tonnes	%
	> 0 to 14	> 10 to 100	> 10 to 100	-97.86
The amount of substance that was created:	0.000	0.000	0.00	0%
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

****Exit Record in 2016.**

Substance:	Ethyl acetate			
CAS Number:	141-78-6			
On a facility-wide basis:	2016	2015	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	-52.75
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Acetone			
CAS Number:	67-64-1			
On a facility-wide basis:	2016	2015	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	-28.83
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

Substance:	Solvent naphtha light aliphatic**			
CAS Number:	64742-89-8			
On a facility-wide basis:	2016	2015	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:	0.000	> 1 to 10	> 1 to 10	-100
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 http://www.ec.gc.ca/inrp-npri/default.asp?lang=en				

****Exit Record in 2016.**

Annual Progress Report – Calendar 2016

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 will be prepared for 20165 reporting year:

Substance Name	CAS #	Date
Isopropyl alcohol*	67-63-0	*

***Toxic Reduction Plan to be prepared by December 31, 2017.**

Toxic Reduction Progress

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

Plan Implementation Progress

In 2016 reporting year, one option under the equipment or process modification was implemented in order to reduce the use of the reportable substances at the part finishing process: Covered thinner pails while waiting for sludge to deposit of and turned off thinner finishing line cleaning unit while not in use. The air releases and use was reduced by 50% for all reportable substance. **This option was fully implemented in 2016.** No additional actions outside the plans were taken in 2016 to reduce the use and/or creation for any of the reportable substances. No amendments were made to the toxic substances reduction plans in 2016.

Substance Name	CAS Number	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described [tonnes]	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 [tonnes]
Acetone	67-64-1	0.146	0.146
Ethyl acetate	141-78-6	0.003	0.003
Methyl Ethyl Ketone	78-93-3	0.039	0.039
N-Butyl Acetate	123-86-4	0.1585	0.1585
Methanol	67-56-1	1.3925	1.3925
Toluene	108-88-3	0.239	0.239
Propylene Glycol Methyl Ether Acetate	108-65-6	0.012	0.012
Methyl Isobutyl Ketone	108-10-1	0.0065	0.0065
Xylene	1330-20-7	0.043	0.043
Ethanol	64-17-5	0.0345	0.0345

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
67-64-1	Acetone	<p>CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Acetone 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. Where technically and economically feasible, our goal is to reduce Acetone if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.</p>
64-17-5	Ethanol	<p>CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Ethyl Alcohol 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. Where technically and economically feasible, our goal is to reduce Ethyl Alcohol if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.</p>
141-78-6	Ethyl acetate	<p>CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Ethyl acetate 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. Where technically and economically feasible, our goal is to reduce Ethyl acetate if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.</p>
67-56-1	Methanol	<p>CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Methanol 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. Where technically and economically feasible, our goal is to reduce Methanol if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.</p>
		<p>CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Methyl Ethyl Ketone at the facility. Further, this plan will determine the technical and economic feasibility of each</p>

CAS RN	Substance Name	Objectives
78-93-3	Methyl ethyl ketone	option to determine which, if any, are viable for implementation at this time. Where technically and economically feasible, our goal is to reduce Methyl Ethyl Ketone if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.
108-10-1	Methyl isobutyl ketone	CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Methyl Isobutyl Ketone 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. Where technically and economically feasible, our goal is to reduce Methyl Isobutyl Ketone if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.
123-86-4	n-Butyl acetate	CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of n-Butyl Acetate 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. Where technically and economically feasible, our goal is to reduce n-Butyl Acetate if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.
108-65-6	Propylene glycol methyl ether acetate	CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Propylene Glycol Methyl Ether Acetate 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. Where technically and economically feasible, our goal is to reduce Propylene Glycol Methyl Ether Acetate if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.
64742-89-8	Solvent naphtha light aliphatic	CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Solvent Naphtha Light Aliphatic 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. Where technically and economically feasible, our goal is to reduce Solvent Naphtha Light Aliphatic, if possible. CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process. CIF is planning to remove the solvent-based paint line and add a new water-based paint line in 2017. CIF does not intends to reduce the use of Solvent Naphtha Light Aliphatic.
108-88-3	Toluene	CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Toluene 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. Where technically and economically feasible, our goal is to reduce Toluene if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.
1330-20-7	Xylene (all isomers)	CIF prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. CIF will attempt to reduce the use of Xylene 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. Where technically and economically feasible, our goal is to reduce Xylene if possible. Reduction activities will be implemented and achieved as outlined in the timetable found in the toxic substance reduction plan. We will achieve these reductions through the implementation of one option in the equipment and process modification and one option in on-site reuse and recycling categories. These options involve: cover thinner pails while waiting for sludge to deposit of & turn off thinner finishing line cleaning unit while not in use (option 1) and new equipment for the recovery and reuse of solvent (option 2). CIF has recently moved to a new location and there has been a substantial change in management, furthermore we are in the process of assessing and streamlining our production and work flow systems. Under the given situation and circumstance the company is currently unable to commit to Option 2: Installation of recycling unit. The company management however is actively working with their chemicals supplier on a long term basis to reduce the hazardous chemical mix in their product composition. This is an ongoing process.

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

CIF Lab Solutions LP

Certifying Official (or authorized delegate)

Vince Occhipinti

Report Submitted by

Vince Occhipinti

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 16/05/2017, 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

108-10-1

Methyl isobutyl ketone

108-88-3

Toluene

Exit Record Certification Statement

As of 16/05/2017, 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

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2016	16/05/2017	GIF 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: 3.11.3



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