

2016 Priority Substances to Report

List of substances meeting TRA thresholds for current year:

CAS	Substance	Description of Processes that Use or Create Substance	NPRI Part	NPRI Threshold (tonnes)	2016 Used (tonnes)	2015 Used (tonnes)	2014 Used (tonnes)	2013 Used (tonnes)	% Change	2016/2015/2014/2013 Created (tonnes)	2016/2015/2014/2013 Contained In Product (tonnes)	Quantification Method(s) Used	Rationale for Using Selected Method(s)
67-56-1	Methanol	Paints and thinners in finishing process. Also in cleaning solvent.	1/5	10/1	14.944	14.484	16.123	14.640	3%	0.000	0.000	Mass balance	No monitoring data available.
108-88-3	Toluene	Paints and thinners in finishing process. Also in cleaning solvent.	1/5	10/1	20.421	17.844	19.260	16.987	14%	0.000	0.000	Mass balance	No monitoring data available.
123-86-4	N-Butyl Acetate	Paints and thinners in finishing process. Also in cleaning solvent.	5	1	11.446	9.657	9.436	7.265	19%	0.000	0.000	Mass balance	No monitoring data available.
1330-20-7	Xylene	Paints and thinners in finishing process	1/5	10/1	1.871	1.853	4.227	3.670	1%	0.000	0.000	Mass balance	No monitoring data available.
64-17-5	Ethanol	Paints and thinners in finishing process	5	1	3.061	1.906	4.076	3.034	61%	0.000	0.000	Mass balance	No monitoring data available.
78-93-3	Methyl Ethyl Ketone	Paints and thinners in finishing process	1/5	10/1	2.015	1.399	1.194	1.070	44%	0.000	0.000	Mass balance	No monitoring data available.
108-10-1	MIBK	Paints and thinners in finishing process	5	1	1.463	0.823	0.827	0.880	78%	0.000	0.000	Mass balance	No monitoring data available.
67-63-0	IPA	Paints and thinners in finishing process	5	1	1.281	0.863	0.714	0.830	48%	0.000	0.000	Mass balance	No monitoring data available.
67-64-1	Acetone	Paints and thinners in finishing process.	NA ¹	3	3.716	5.455	5.475	3.670	-32%	0.000	0.000	Mass balance	No monitoring data available.

¹ Not part of NPRI, reportable substance under Ontario Regulation 127/01, Table 2B.

Changes in reporting quantities year to year due to production changes and changes in usage of paints and solvents.

Process Description / Quantification

Receiving/Inventory - Paris Kitchens receives paints including (lacquers, glazes, stains and sealers) as well as solvents and thinners from finishing suppliers. Finishing products and cleaning solvents are stored in closed containers until ready for use. There are no emissions associated with the storage of the finishing/cleaning products during this stage.

Mixing - paints are reduced/mixed with thinners as required. The mixing stage occurs over a relatively short period of time and no significant emissions are expected to be associated with this process.

Spray Painting & Drying - mixed finishing products are applied to the wood products in the facility's spray booths and dried prior to moving to the final assembly processes. All solvents applied during the spraying operations are driven off during either the spraying or drying operations and none continue on as part of the product sent for assembly. A small portion of the finishing products may end up as waste paint throughout the year which is collected and sent off-site for recycling.

Cleaning - finishing gun and line cleaning is conducted using a solvent product which is recovered for off-site recycling. A small portion of the finishing products applied using the guns would also be washed out of the guns/lines using the solvents and would be part of the overall paint/solvent waste sent off-site for recycling.

Assembly, Storage, Shipping - the final finished products do not emit any solvents as these are expected to have been driven off during the finishing and drying operations.

Input/Output Balance Check

CAS	Substance	Total Inputs	Total Outputs	Balance (% Difference in I/O)	Explanation for no "approximate" balance, if any (≥ 10% difference)
67-56-1	Methanol	14.944	14.944	0.0%	n/a
108-88-3	Toluene	20.421	20.421	0.0%	n/a
123-86-4	n Butyl Acetate	11.446	11.446	0.0%	n/a
1330-20-7	Xylene	1.871	1.871	0.0%	n/a
64-17-5	Ethanol	3.061	3.061	0.0%	n/a
78-93-3	Methyl Ethyl Ketone	2.015	2.015	0.0%	n/a
108-10-1	MIBK	1.463	1.463	0.0%	n/a
67-63-0	IPA	1.281	1.281	0.0%	n/a
67-64-1	Acetone	3.716	3.716	0.0%	n/a

NOTE: Process Flow Diagrams will show quantities transformed and/or destroyed. Not requested for report in Single Windows. Substances released, disposed of, and/or transferred/recycled are reported under NPRI. See 'NPRI' worksheet or associated calculation tabs.

Substances for which plans have been prepared at facility

Substance	CAS
IPA	67-63-0
MIBK	108-10-1

Statement of Intent to Reduce

Substance	CAS	Statement of Intent to Reduce the Use and/or Creation of Toxic Substance (or reasons for not including one)
IPA	67-63-0	Paris Kitchens does not intend to reduce the use of IPA at its facility located on 23 Railway Street in Paris, Ontario because no options have been identified as technically feasible.
MIBK	108-10-1	Paris Kitchens does not intend to reduce the use of MIBK at its facility located on 23 Railway Street in Paris, Ontario because no options have been identified as technically feasible.

Objectives of the Plan

Substance	CAS	Statement of Objectives
IPA	67-63-0	Paris Kitchens does not intend to reduce the use of IPA.
MIBK	108-10-1	Paris Kitchens does not intend to reduce the use of MIBK.

Planner Recommendations and Rationale

Future finishing line modifications and improvements could result in a more efficient cleaning, application and throughput. Through paint suppliers and equipment suppliers, continue to monitor finishing line and spray application advancements and incorporate applicable technologies.

Certification by highest ranking employee

As of December 15, 2017, I, Gerry Potvin, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

IPA
MIBK



Gerry Potvin
General Manager
Paris Kitchens

15-Dec-17

Date

Certification by toxic substance reduction planner

As of December 15, 2017, I, Jim Anderson, M.Eng., P.Eng. certify that I am familiar with the processes at Paris Kitchens that use or create the toxic substances referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the *Toxics Reduction Act, 2009* that are set out in the toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

IPA
MIBK



Jim Anderson M.Eng., P.Eng.
Toxic Substance Reduction Planner (TSRP0127)
CCS Engineering Inc.

15-Dec-17

Date

Basic Facility Information

Name and CAS # of Substance	MIBK	108-10-1
Substances for which other plans have been prepared	IPA	67-63-0
Facility Identification and Site Address		
Company Name	Paris Kitchens	
Facility Name	Paris Kitchens	
Facility Address	Physical Address	Mailing Address
	23 Railway Street Paris ON N3L 2Z6	same as physical address
Spatial Coordinates of Facility	UTM Easting 548710	UTM Northing 4783168
Number of Employees	140	
NPRI ID	007410	
Ontario MOE ID Number	8816	
Parent Company (PC) Information		
PC Name & Address	--	
Percent Ownership for each PC	--	
Business Number for PC	--	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3371	
6 Digit NAICS Code	337110	
Company Contact Information		
Facility Public Contact	Donna Hines, <i>Health and Safety Coordinator</i> dhines@pariskitchens.com Phone: 519-442-6311	
Parent Company Contact	Fax: 519-442-3226 N/A	

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for MIBK, prepared by CCS Engineering Inc. for the Paris Kitchens facility located at 23 Railway Street in Paris, Ontario, Canada, dated December 15, 2017.

Statement of Intent

Paris Kitchens does not intend to reduce the use of MIBK at its facility located on 23 Railway Street in Paris, Ontario because no options have been identified as technically feasible.

Reduction Objectives

Paris Kitchens does not intend to reduce the use of MIBK..

Description of Substance

MIBK is a constituent found in finishing products used at the facility in the manufacture of custom cabinetry.

Toxic Substance Reduction Option to be Implemented

None

Certification by highest ranking employee

As of December 15, 2017, I, Gerry Potvin, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

IPA
MIBK



Gerry Potvin
General Manager
Paris Kitchens

15-Dec-17
Date

Certification by toxic substance reduction planner

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IPA
MIBK



Jim Anderson M.Eng., P.Eng.
Toxic Substance Reduction Planner (TSRP0127)
CCS Engineering Inc.
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Toxic Substance Reduction Planner (TSRP0127)
CCS Engineering Inc.

15-Dec-17
Date

Date

Basic Facility Information

Name and CAS # of Substance	IPA	67-63-0
Substances for which other plans have been prepared	MIBK	108-10-1
Facility Identification and Site Address		
Company Name	Paris Kitchens	
Facility Name	Paris Kitchens	
Facility Address	Physical Address	Mailing Address
	23 Railway Street Paris ON N3L 2Z6	
Spatial Coordinates of Facility	UTM Easting	UTM Northing
	548710	4783168
Number of Employees	140	
NPRI ID	007410	
Ontario MOE ID Number	8816	
Parent Company (PC) Information		
PC Name & Address	--	
Percent Ownership for each PC	--	
Business Number for PC	--	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3371	
6 Digit NAICS Code	337110	
Company Contact Information		
Facility Public Contact	Donna Hines, <i>Health and Safety Coordinator</i> dhines@pariskitchens.com Phone: 519-442-6311	
Parent Company Contact	Fax: 519-442-3226 N/A	

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for IPA, prepared by CCS Engineering Inc. for the Paris Kitchens facility located at 23 Railway Street in Paris, Ontario, Canada, dated December 15, 2014.

Statement of Intent

Paris Kitchens does not intend to reduce the use of IPA at its facility located on 23 Railway Street in Paris, Ontario because no options have been identified as technically feasible.

Reduction Objectives

Paris Kitchens does not intend to reduce the use of IPA.

Description of Substance

IPA is a constituent in finishing products used at the facility in the manufacture of custom cabinetry.

Toxic Substance Reduction Option to be Implemented

None

Certification by highest ranking employee

As of December 15, 2017, I, Gerry Potvin, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the plans are factually accurate and comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

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Toxic Substance Reduction Planner (TSRP0127)
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