

Toxic Reduction Plan Summary for Ethyl Acetate

Basic Facility Information

Name & CAS of Substance	Ethyl Acetate	141-78-6
Substances for which other plans have been prepared	n-Hexane	110-54-3
Facility Identification and Site Address		
Company Name	Vuteq Canada Inc.	
Facility Name		
Facility Address	920 Keyes Drive Woodstock, Ontario. N4S 0A7	
Spatial Coordinates of Facility	Easting 522148.26 Northing 4774111.63	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum</i>
Number of Employees	730	
NPRI ID Number	7284	
Ontario MOE ID Number	n/a	
Business Number	121233274	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3363	
6 Digit NAICS Code	336360	
Company Contact Information		
Facility Public Contact	Mrs. Nevin Turkel	Environmental Representative
	nturkel@vuteq.ca	Vuteq Canada Inc.
	Phone: (519) 421-0011	Same address as facility

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for ethyl acetate, prepared by Vuteq Canada Inc. and dated December 15, 2013.

Statement of Intent

Ethyl acetate is used in our process at Vuteq Canada Inc. (Vuteq) as an ingredient in product. Whenever feasible we plan to eliminate or reduce the creation and discharge of ethyl acetate in full compliance with all Federal and Provincial Regulations.

Reduction Objectives

Our goal is to reduce the use of ethyl acetate at our facility by approximately 75% percent within five years of preparing this plan.

Description of Substance

Ethyl acetate is used in process but is not created.

Toxic Substance Reduction Options to be Implemented

The following options have been identified for implementation to reduce the use or releases of Ethyl acetate:


Option 1 – Switch to an Ethyl Acetate free adhesive

	Used (tonnes/ yr)	Created (tonnes/yr)	Contained in Product (tonnes/yr)	On-Site Releases (tonnes/yr)			Disposal (tonnes/yr)		Off-Site Recycling (tonnes/yr)
				Air	Water	Land	On-site	Off-site	
Baseline	13.590	0	0	13.148	0	0	0	0.442	0
Estimated Reduced Total	0	0	0	0	0	0	0	0	0
Reduction	12.1	0	0	11.7	0	0	0	0.4	0
% Reduction	89%	0%	0	89%	0	0	0	89%	0

Plan Certification for Ethyl Acetate

As of December 15, 2013, I, Ezio Andreola certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.


[Ethyl Acetate]


Ezio Andreola
Vuteq Canada Inc.
(Highest Ranking Employee)

DECEMBER 17, 2013
Date

As of December 15, 2013, I, Geri Penner certify that I am familiar with the process at Vuteq Canada Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxic Reduction Act, 2009 that are set out in the plan dated December 15, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Ethyl Acetate]


Geri Penner
Toxic Substance Reduction Planner
Licence # TSRP0240

Dec. 17, 2013
Date

Toxic Reduction Plan Summary for Hexane

Basic Facility Information

Name & CAS of Substance	n-Hexane	110-54-3
Substances for which other plans have been prepared	Ethyl Acetate	141-78-6
Facility Identification and Site Address		
Company Name	Vuteq Canada Inc.	
Facility Name		
Facility Address	920 Keyes Drive Woodstock, Ontario. N4S 0A7	
Spatial Coordinates of Facility	Easting 522148.26 Northing 4774111.63	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum</i>
Number of Employees	730	
NPRI ID Number	7284	
Ontario MOE ID Number	n/a	
Business Number	121233274	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33	
4 Digit NAICS Code	3363	
6 Digit NAICS Code	336360	
Company Contact Information		
Facility Public Contact	Mrs. Nevin Turkel	Environmental Representative
	nturkel@vuteq.ca	Vuteq Canada Inc.
	Phone: (519) 421-0011	Same address as facility

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for Hexane, prepared by Vuteq Canada Inc. and dated December 15, 2013.

Statement of Intent

Hexane is used in our process at Vuteq Canada Inc. (Vuteq) as an ingredient in product. Whenever feasible we plan to eliminate or reduce the creation and discharge of Hexane in full compliance with all Federal and Provincial Regulations.

Reduction Objectives

Our goal is to reduce the use of hexane at our facility by approximately 5% percent within five years of preparing this plan.

Description of Substance

Hexane is used in process but is not created.

Toxic Substance Reduction Options to be Implemented

The following options have been identified for implementation to reduce the use or releases of Hexane:


Option 3 – Using less n-hexane in the Holders Process Area for each filling every few days would greatly reduce the annual use of the substance.

	Used (tonnes/ yr)	Created (tonnes/yr)	Contained in Product (tonnes/yr)	On-Site Releases (tonnes/yr)			Disposal (tonnes/yr)		Off-Site Recycling (tonnes/yr)
				Air	Water	Land	On-site	Off-site	
Baseline	2.55	0	0	1.914	0	0	0	0.636	0
Estimated Reduced Total	0	0	0	0	0	0	0	0	0
Reduction	0.1275	0	0	0.0957	0	0	0	0.0636	0
% Reduction	5%	0%	0	5%	0	0	0	5%	0

Plan Certification for N-hexane

As of December 15, 2013, I, Ezio Andreola certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxic Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

[N-hexane]


Ezio Andreola
Vuteq Canada Inc.
(Highest Ranking Employee)

DECEMBER 17, 2013
Date

As of December 15, 2013,, I, Geri Penner certify that I am familiar with the process at Vuteq Canada Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxic Reduction Act, 2009 that are set out in the plan dated December 15, 2013, and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[N-hexane]


Geri Penner
Toxic Substance Reduction Planner
Licence # TSRP0240

Dec. 17, 2013
Date