

Table A

Vetra Plastics - Peterborough

TRA - 2018

CAS	Substance	Description of Process that Use or Create Substance	NPRI Part	MPO, Part 5 Threshold (tonnes)	2018 Used (tonnes)	2017 Used (tonnes)	2016 Used (tonnes)	2015 Used (tonnes)	% Change	2018, 2017, 2016, 2015, 2013 Created (tonnes)	2018, 2017, 2016, 2015, 2014, 2013 Contained in Product (tonnes)	Quantification Method(s) Used	Rationale for Using Selected Method(s)
95-83-6	1,2,4-trimethylbenzene	Finishing Products	1A, 5	10.1	30,310	25,060	31,069	26,610	21%	0.000	0.000	Mass Balance	
78-83-1	i-Butyl alcohol	Finishing Products	1A	10	12,787	12,670	16,530	16,300	1%	0.000	0.000	Mass Balance	
78-93-3	Methyl ethyl ketone	Finishing Products	1A, 5	10.1	38,670	-	-	-		0.000	0.000	Mass Balance	
71-36-3	n-Butyl alcohol	Finishing Products	1A	10	37,515	39,309	44,335	37,110	-5%	0.000	0.000	Mass Balance	
108-88-3	Toluene	Finishing Products & Purge Solvent	1A, 5	10.1	232,040	220,307	248,954	251,461	5%	0.000	0.000	Mass Balance	
1330-20-7	Xylene (all isomers)	Finishing Products & Purge Solvent	1A, 5	10.1	73,319	66,684	77,371	79,722	10%	0.000	0.000	Mass Balance	
110-82-7	Cyclohexane	Finishing Products & Purge Solvent	1A	10	38,2681	37,1252	45,1632	39,4296	3%	0.000	0.000	Mass Balance	
67-64-1	Acetone	Finishing Products	127	3	25,9200	25,0543	27,8193	26,3500	3%	0.000	0.000	Mass Balance	
123-86-4	n-butyl acetate	Finishing Products	5	1	37,5147	39,3087	44,3354	37,1101	-5%	0.000	0.000	Mass Balance	

Changes year to year are due to production variations and raw material usage and purchase variations.

As of June 1, 2019, I, Mark Bateman, 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.

  
Signature  
Mark Bateman

June 3 2019  
Date

## Input/Output Balance Check

CAS	Substance	Total Inputs	Total Outputs	Balance (% Difference in I/O)	Explanation for no "approximate" balance, if any ( $\geq 10\%$ difference)
95-83-6	1,2,4-trimethylbenzene	30,3101	30,3101	0.0%	
78-83-1	i-Butyl alcohol	12,7872	12,7872	0.0%	
78-93-3	Methyl ethyl ketone	38,6701	38,6701	0.0%	
71-36-3	n-Butyl alcohol	37,5147	37,5147	0.0%	
108-88-3	Toluene	232,0400	232,0400	0.0%	
1330-20-7	Xylene (all isomers)	73,3193	73,3193	0.0%	
110-82-7	Cyclohexane	38,2681	38,2681	0.0%	
67-64-1	Acetone	25,9200	25,9200	0.0%	
123-86-4	n-butyl acetate	37,5147	37,5147	0.0%	