

Toxic Substance Reporting 2020

In 2009, the Government of Ontario passed the Toxics Reduction Act, 2009 (the "Act"). The goal of this Act and associated Regulation 455/09 (the "Regulation") is to help protect human health and the environment by:

- reducing prescribed toxic substances in air, land, water and consumer products
- informing people in Ontario about toxic substances in their communities
- giving Ontarians the information they need to make informed choices
- supporting shifts in domestic market to greener products
- positioning Ontario's manufacturing and mineral processing sectors to compete in an increasingly green global economy

In accordance with the Act, facilities must submit a report for a toxic substance if subsection 3 (1) of the Act applied to the facility with respect to the toxic substance in the previous calendar year.

FACILITY INFORMATION

FACILITY INFORMATION		
Company Name	AyA Kitchens and Baths	
Facility Name	AyA Kitchens and Baths	
Facility Address	Physical Address: 1551 Caterpillar Road Mississauga, ON L4X 2Z6	Mailing Address: 1551 Caterpillar Road Mississauga, ON L4X 2Z6
Spatial Coordinates of Facility	615154 m Easting, 4829224 m Northing (UTM NAD83 Zone 17)	
Number of Employees	215	
NPRI ID	247	
CANADIAN PARENT COMPANY		
Parent Company Name	Not Applicable	
Parent Company Address	Not Applicable	
Percent Ownership for Parent Company	Not Applicable	

FACILITY OWNER INFORMATION		
Owner of Facility	Not Applicable	
Address of Owner	Physical Address:	Mailing Address:
FACILITY OPERATOR INFORMATION		
Operator of Facility	AyA Kitchens and Baths	
Address of Operator	Physical Address: 1551 Caterpillar Road Mississauga, ON L4X 2Z6	Mailing Address: 1551 Caterpillar Road Mississauga, ON L4X 2Z6
PRIMARY NORTH AMERICAN INDUSTRIAL CLASSIFICATION SYSTEM CODE (NAICS)		
2 Digit NAICS Code	33 – Manufacturing	
4 Digit NAICS Code	3371 – Household and institutional furniture and kitchen cabinet manufacturing	
6 Digit NAICS Code	337110 – Wood kitchen cabinet and counter top manufacturing	
CONTACT INFORMATION		
Facility Public Contact	Noel Santos, Vice President, Manufacturing & Operations 905.848.1999	
Highest Ranking Employee	Dave Marcus, President 905.848.1999	

TOXIC SUBSTANCE INFORMATION

This report is being prepared for Particulate Matter <= 2.5 Microns (CAS# NA – M10), Particulate Matter <= 10 Microns (CAS# NA – M9), Volatile Organic Compounds (CAS# NA – M16), ethanol (CAS# 64-17-5), methanol (CAS# 67-56-1), toluene (CAS# 108-88-3), and xylene (all isomers) (CAS# 1330-20-7). These represent substances for which a Toxics Reduction Plan is required.

REDUCTION PLAN OBJECTIVES AND TARGETS

It is the intent of the AyA Kitchens and Baths (AyA) to be an industry leader in health, safety, and environmental practices in all of its operations with the intention, through technological innovation and

process efficiencies, to minimize the impact of operations on the environment, and to provide safe and healthful working conditions.

A Toxics Reduction Plan has been prepared to identify viable options (i.e., those that are both technically and economically feasible) to reduce the use of the above substances at the facility.

As per the plan objectives, AyA is working to reduce the use of toluene, ethanol, methanol, and xylene by conducting research to identify new reduction options, particularly the transition to water based paint finishes, and to keep up with industry standards with regards to these substances. As a result of this research and development, AyA intends to start the transition to water based paints in early 2022. Although AyA does not intend to further reduce the creation of Particulate Matter (PM), they will continue to conduct further research to identify new reduction options and to keep up with industry standards with regards to PM pollution prevention.

AyA will continue to monitor technological advances and developments in this area such that any viable options that are developed will be considered in future Plan updates.

SUBSTANCE ACCOUNTING

Table 1 provides information on the quantification results for the 2020 calendar year and compares them to the previous year. There was no change in method used to track and quantify the toxic substance. No incident outside of normal operations at the facility occurred during this reporting period that may have affected the quantification results.

PLAN PROGRESS AND AMENDMENT

No steps have been taken to reduce the amount of volatile organic compounds used at the facility during this reporting period. No amendments have been made to the Plans during this reporting period.

Table 1 Substance Accounting for the 2020 Calendar Year

Substance (CAS No.)	Reporting Year		Uses		Crested		Releases to Air		Recycled		Disposed		Contained in Product		Reason for Change		
	2020	2019	Quantity (tonnes)	Change (%)	Quantity (tonnes)	Change (tonnes)	Change (%)	Quantity (tonnes)	Change (tonnes)	Change (%)	Quantity (tonnes)	Change (tonnes)	Change (%)	Quantity (tonnes)	Change (tonnes)	Change (%)	
Particulate Matter <= 2.5 Microns (NA - M10)	2020	N/A	>1 to 10	N/A	>1 to 10	+0.60	+33.52%	>1 to 10	+0.60	+33.52%	N/A	N/A	N/A	N/A	N/A	N/A	Increase in production levels
	2019	N/A	>1 to 10	N/A	>1 to 10			>1 to 10			N/A	N/A	N/A	N/A	N/A	N/A	
Particulate Matter <= 10 Microns (NA - M15)	2020	N/A	>1 to 10	N/A	>1 to 10	+0.60	+33.52%	>1 to 10	+0.60	+33.52%	N/A	N/A	N/A	N/A	N/A	N/A	Increase in production levels
	2019	N/A	>1 to 10	N/A	>1 to 10			>1 to 10			N/A	N/A	N/A	N/A	N/A	N/A	
Volatile Organic Compounds (NA - M16)	2020	>10 to 100	>0 to 1	-7.88%	>0 to 1	+0.01	+70.00%	>10 to 100	-5.88	-22.32%	>10 to 100	+1.30	+3.47%	>0 to 1	-0.06	+10.22%	Implementation of actions outside of reduction plan
	2019	>10 to 100	>0 to 1		>0 to 1			>10 to 100			>10 to 100			>0 to 1			
Ethanol (64-17-5)	2020	>10 to 100	0	-6.12%	0	0	N/A	>1 to 10	-2.53	-33.25%	>10 to 100	+1.28	+8.28%	>0 to 1	0	N/A	Implementation of actions outside of reduction plan
	2019	>10 to 100	0		0			>1 to 10			>10 to 100			>0 to 1	0		
Methanol (67-58-1)	2020	>1 to 10	0	-7.00%	0	0	N/A	>1 to 10	-0.98	-42.79%	>1 to 10	+0.72	+43.22%	>0 to 1	0	N/A	Implementation of actions outside of reduction plan
	2019	>1 to 10	0		0			>1 to 10			>1 to 10			>0 to 1	0		
Toluene (108-88-3)	2020	>1 to 10	0	-8.68%	0	0	N/A	>1 to 10	-0.48	-8.66%	0	0	N/A	>1 to 10	0	N/A	Implementation of actions outside of reduction plan
	2019	>1 to 10	0		0			>1 to 10			0	0		>1 to 10	0		
Xylene (all isomers) (1330-20-7)	2020	>1 to 10	0	-18.18%	0	0	N/A	>1 to 10	-0.33	-18.44%	0	0	N/A	>0 to 1	-0.18	-18.24%	Implementation of actions outside of reduction plan
	2019	>1 to 10	0		0			>1 to 10			0	0		>0 to 1			

COPY OF CERTIFICATION

As of August 30, 2021, I, Dave Marcus, certify that I have read the report on the toxic substance reduction plan for the toxic substances referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act.

Ethanol (CAS RN: 64-17-5)

Methanol (CAS RN: 67-56-1)

PM10- Particulate Matter (CAS RN: NA - M09)

PM2.5- Particulate Matter (CAS RN: NA - M10)

Toluene (CAS RN: 108-88-3)

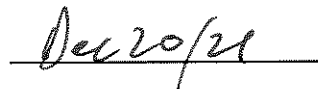
Xylene (all isomers) (CAS RN: 1330-20-7)

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by signing below I am signing the statement(s). 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.



Dave Marcus

Highest Ranking Employee



Date