
Toxics Reduction Plan - Summary

Methyl Isobutyl Ketone
CAS#: 108-10-1

Prepared for:

Aya Kitchens and Baths
1551 Caterpillar Road
Mississauga, Ontario
L4X 2Z6

Prepared by:

Airzone One Ltd.
222 Matheson Blvd E
Mississauga, ON
L4Z 1X1

1.0 Introduction

1.1. *General Information*

The facility is located at 1551 Caterpillar Road, Mississauga, Ontario. The facility was previously required to report, and prepare plans for, eleven (11) TRA substances:

- toluene (CAS# - 108-88-3)
- xylene (CAS# - 1330-20-7)
- methanol (CAS# - 67-56-1)
- acetone (CAS# - 67-64-1)
- ethanol (CAS# - 64-17-5)
- isopropyl alcohol (CAS# - 67-63-0)
- methyl ethyl ketone (CAS# - 78-93-3)
- n-butyl acetate (CAS# - 123-86-4)
- ethyl acetate (CAS# - 141-78-6)
- particulate matter smaller than 2.5 microns (CAS# - NA-M10)
- particulate matter smaller than 10 microns (CAS# - NA-M09)

This plan summary is for methyl isobutyl ketone (CAS# - 108-10-1). Methyl isobutyl ketone is one of the constituents of the solvents used at the facility to clean the spraying equipment at the facility. It is also a constituent of the stains and lacquers used to finish the cabinetry pieces at the facility. The facility manufactures cabinetry for use in kitchens and bathrooms.

Table 1 - General Facility Information

NPRI Number	247
O Reg 127/01 Number	11162
Number of full time employee equivalents	300
NAICS Code (2 digit)	31-33 - Manufacturing
NAICS Code (4 digit)	3371 - Household and institutional furniture and kitchen cabinet manufacturing
NAICS Code (6 digit)	337110 - Wood kitchen cabinet and counter top manufacturing
UTM Coordinates	17 T 614956 m E 4828988 m N
Company Legal Name	Aya Kitchens & Baths Ltd.
Company Trade Name	Aya Kitchens & Baths Ltd.

1.2. Plan Contacts

A list of the individuals involved in the planning process is provided below:

Table 2 - Plan Contacts

<p>Public Contact</p> <p>Noel Santos VP, Manufacturing & Operations 1551 Caterpillar Road Mississauga, ON L4X 2Z6 Tel: (905) 848-1999 ext 230 Fax: (905) 848-9714 Email: nsantos@ayakitchens.com</p>

2.0 Facility's Intent, Objectives and Targets

2.1. Use

The act requires that a facility include a statement of intent to reduce the use of the prescribed toxic substance. If the facility does not provide a statement of intent it must

provide a reason why it does not intend or why it is not possible to reduce the use of the toxic substance. In addition to this, the facility is required to provide a list of objectives.

Statement of intent:

The facility does not have a statement of intent. However, Aya does intend to continue to monitor current research on reducing methyl isobutyl ketone use.

Reason why the facility does not have a statement of intent: (if applicable)

Aya does not intend to reduce methyl isobutyl ketone because there are no further reduction options readily available.

Objectives: (a list of objectives to reduce if any)

Although Aya does not intend to reduce the use of methyl isobutyl ketone, they will continue to conduct further research to identify new reduction options and to keep up with industry standards with regards to methyl isobutyl ketone pollution prevention.

Quantity Target: (if any)

No target

Target Timeline: (if any can be expressed in years or described in text box, or no timeline can be selected)

No timeline

Reason why toxic substance is used at the facility: (from drop down menu options)

As a formulation component; As a manufacturing aid.

2.2. *Creation*

The act requires that a facility include a statement of intent to reduce the creation of the prescribed toxic substance. If the facility does not provide a statement of intent it must provide a reason why it does not intend or why it is not possible to reduce the creation of the toxic substance.

Statement of intent:

The facility does not have a statement of intent.

Reason why the facility does not have a statement of intent:

The facility does not create the subject substance at the facility; therefore it is not required to provide a statement of intent on the creation of this substance.

Objectives: N/A.

Quantity Target: N/A.

Target Timeline: N/A.

Reason why toxic substance is used at the facility: N/A.

3.0 Facility's Goals

There are no reasonable reduction options for this substance and many of the reduction options possible have already been implemented in the past.

4.0 Facility TRA Plan (info)

This plan summary is accurate, up to date and reflects the current facility version of the Toxic Reduction Plan.

5.0 Signed Certification Statements

Certification by highest ranking employee

As of April 30th, 2016, I, Dave Marcus, 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 the plan complies with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act, with the exception of the regulatory deadline. The December 31st deadline has not been met due to the need to re-assess previous TRA accounting submissions.

Methyl Isobutyl Ketone

Signed:

A handwritten signature in black ink, appearing to read 'Dave Marcus', with a long horizontal stroke extending to the right.

Dave Marcus

Certification by toxic substance reduction planner

As of April 30th, 2016, I, Franco DiGiovanni, certify that I am familiar with the processes at Aya Kitchens & Baths Ltd. 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 *Toxics Reduction Act, 2009* that are set out in the plan dated April 30th, 2016 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act, with the exception of the regulatory deadline.

Methyl Isobutyl Ketone

Signed:

A handwritten signature in black ink, appearing to read 'FDiGiovanni', written in a cursive style.

Franco DiGiovanni

Airzone One Ltd.