



Tubco Whirlpools Ltd.

Toxics Reduction Act: 2018 Annual Report (Public)

Prepared For:

Tubco Whirlpools Ltd.
2715 14th Avenue
Markham, ON, L3R 0H9

May 2, 2019

Prepared By:

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1 Executive Summary

Tubco Whirlpools Ltd. (referred to as Tubco from here on) is a leading Canadian manufacturer of acrylic bathware. Tubco's Markham Facility is committed to manufacturing bathtubs, whirlpools and shower bases while complying with all applicable legal requirements.

A single Toxic Substance, Styrene, is contained in the Polyester Resin Solution used in the Fiberglass Spray-up and Curing process during the manufacturing of bathware, where the substance is released to air and destroyed. This substance did not meet the criteria in the Canada Gazette notice or Ontario Reg. 455/09 under TRA for the production year 2018, therefore, a TRA Exit Record for Styrene was submitted to the MECP in 2019 via the SWIM web portal.

A Toxic Substance Reduction Plan and a corresponding plan summary were prepared and submitted for this substance in 2014. This plan was created to meet compliance requirements with the Ontario Toxics Reduction Act and to provide the facility with a detailed overview of the processes, conditions and quantities in which Toxic Substances are used/released at the facility to better inform future efforts at reducing toxic substance use/release at the facility. At this point the facility has not identified any reductions options for the use of the toxic substance Styrene; therefore, there were no toxics substance reduction options that were considered for implementation. However, the facility is willing to change this position in the near future and it is committed to investigating and evaluating the suitability of equipment, technologies and processes methodologies which could potentially reduce the use of Toxic Substances at the facility.

This document is a public version of the 2018 TRA Annual Report that the facility has submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) in May 2019 via the SWIM website as required by O.Reg. 455/09, The Ontario Toxics Reduction Act (TRA).

2 Introduction

Tubco Whirlpools Ltd. is a leading Canadian manufacturer of acrylic bathware. Tubco's Markham Facility is committed to manufacturing bathtubs, whirlpools and shower bases while complying with all applicable legal requirements.

A single Toxic Substance, Styrene, is contained in the Polyester Resin Solution used in the Fiberglass Spray-up and Curing process during the manufacturing of bathware, where the substance is released to air and destroyed. This substance did not meet the criteria in the Canada Gazette notice or Ontario Reg. 455/09 under TRA for the production year 2018, therefore, a TRA Exit Record for Styrene was submitted to the MECP in 2019 via the SWIM web portal.

A Toxic Substance Reduction Plan and a corresponding plan summary were prepared and submitted for this substance in 2014. As per the Plan for this substance this facility does not intend to reduce its use and /or creation since it is understood that they are legally not required to do so within the framework of the Toxics Reduction Act or its regulations.

This document is a public version of the 2017 TRA Annual Report that the facility has submitted to the Ontario Ministry of the Environment, Conservation and Parks (MECP) in April 2018 via the SWIM website as required by O.Reg. 455/09, The Ontario Toxics Reduction Act (TRA).

3 Reduction Plan Objective(s) and Target(s)

The Styrene Toxic Substance Reduction plan contains all necessary elements in order to comply with the Toxic Substance Reduction Plan(s) requirements set out in Ontario Regulation 455/09 of the Ontario Toxics Reduction Act.

This facility has not identified any reductions options for the use of the toxic substance for which this plan document was created since it is understood that they are not legally required to do so. For this reason, there were no toxics substance reduction options that were considered for implementation. However, the facility is willing to change this position in the near future and is committed to investigating and evaluating the suitability of equipment, technologies and processes methodologies which could potentially reduce the use of Toxic Substances at the facility.

4 General Information

Table 1 Facility Information

1 - Facility Information	
Facility Name	Tubco Whirlpools Ltd.
NPRI ID:	25411
2-Digit NAICS Code	32
4-Digit NAICS Code	3261
6-Digit NAICS Code	326191
Number of Full-time Employees	17
UTM Co-ordinates (NAD83)	E631864 N4854269
2 - Facility Owner Information	
Name	Tubco Whirlpools Ltd.
Address	2715 14th Avenue, Markham, Ontario, L3R 0H9
Phone Number	905-470-9066
Fax	905-470-9663
E-mail	tubco1@gmail.com
3 - Facility Operator Information (if applicable)	
Name	
Address	
Phone Number	
Fax	
E-mail	
4 - Toxic Substances for Which Facility has Prepared Plans and Submitted Plan Summaries	
Styrene (CAS# 100-42-5) - Exit Record Filed in 2019 (2018 Production)	
5 - Toxic Substances for Which Plans Must Be Prepared by December 31st 2019	
None	
6 - Plan Contacts	
Name of Public Contact	Massoud Ghahremani
Position	Owner Manager
Address	2715 14th Avenue, Markham, Ontario, L3R 0H9
Phone Number	905-470-9066
Fax	905-470-9663
E-mail	tubco1@gmail.com

5 2017 Toxic Substance Accounting Results

Table 2 2018 Production Year Toxic Substance Accounting Results for Styrene, Tubco Whirlpools Ltd.

Chemical	CAS	Transfer Description	2018 Range (T)
Styrene	100-42-5	Quantity Entering Facility (T)	1 - 10
	100-42-5	Quantity Contained in Product (T)	0
	100-42-5	Quantity Created (T)	0
	100-42-5	Quantity Destroyed (T)	1 - 10
	100-42-5	Quantity Transformed (T)	0
	100-42-5	Quantity Released to Air (T)	1 - 10
	100-42-5	Quantity Disposed (T)	0
	100-42-5	Quantity Recycled (T)	0

6 Annual Comparison

Table 3 2018-2017 Annual Comparison, Tubco Whirlpools Ltd.

Chemical	CAS	Transfer Description	2018 Range (T)	2017 Range (T)	Change (T)	Change Over 2017 (%)	Reasons for Change Relative to 2017
Styrene	100-42-5	Quantity Entering Facility (T)	1 - 10	1 - 10	-0.9023	-12.00	Year to Year Variability in Production influences usage quantities of products containing substance.
		Quantity Contained in Product (T)	0	0	0.0000	0.00	
		Quantity Created (T)	0	0	0.0000	0.00	
		Quantity Destroyed (T)	1 - 10	1 - 10	-0.6649	-12.00	Year to Year Variability in Production influences usage and destruction quantities of products containing substance.
		Quantity Transformed (T)	0	0	0.0000	0.00	
		Quantity Released to Air (T)	1 - 10	1 - 10	-0.2374	-12.00	Year to Year Variability in Production influences usage and release to air quantities of products containing substance.
		Disposed (T)	0	0	0.0000	0.00	
		Recycled (T)	0	0	0.0000	0.00	

7 Changes in Tracking and Quantifications Methods in 2018

No changes.

8 Significant Process Changes in 2018 Relative to Plan

No changes.

9 Estimated Reductions Under Options Selected

At this point the facility has not identified any reductions options for the use of the toxic substance for which this plan document was created since it is understood that they are not legally required to do so. For this reason, there were no toxics substance reduction options that were considered for implementation. However, the facility is willing to change this position in the near future and is committed to investigating and evaluating the suitability of equipment, technologies and processes methodologies which could potentially reduce the use of Toxic Substances at the facility.

10 Timelines for Achieving Estimated Reductions

No timelines have been set since the facility is not planning to implement any reduction options within the TRA framework.

11 Additional Actions

No additional actions were undertaken in 2018.

12 Plan Amendments

No amendments were made to the plan in 2018.

13 Appendix

2018 SWIM Inventory Report Certification Page:

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

i Approve

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Tubco Whirlpools Limited

Certifying Official (or authorized delegate)

Massoud Ghahremani

Report Submitted by

Massoud Ghahremani

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MECP TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 28/05/2019, I, Massoud Ghahremani, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List*

Empty

*Due to reporting system limitations, for the 2018 annual report the TRA Substance List may included new Volatile Organic Compounds (VOCs) and/or Dioxins and Furans congeners reported to NPRI only.

Exit Record Certification Statement

TRA Exit Record Substances

CAS RN

Substance Name

100-42-5

Styrene

Company Name

Tubco Whirlpools Limited

Highest Ranking Employee

Massoud Ghahremani

Report Submitted by

Massoud Ghahremani

Website address

tubco.com

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. 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.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2018	28/05/2019	Tubco Whirlpools Limited	Ontario	Markham	NPRI, ON MECP TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.