

Company Name:- Kleen-Flo Tumbler Ind. Ltd.

Address:- 75, Advance Boulevard, Brampton Ontario L6T 4N1

Public Contact:-

Name:- Christian Osborne (Vice President Marketing)

Tel:- 905 793 4311

Facility's approach to toxic substance accounting:-

Following substance have been used and contained in products during year 2018

Methanol has been used in a range of >100 to 1000 tonne

Methanol contained in products in a range of >100 to 1000 tonne

Xylene has been used in a range of > 10 to 100 tonne

Xylene contained in product in arrange of > 10 to 100 tonne

Etylbenzene has been used in arrange of > 10 to 100 tonne

Ethylbenzene contained in products in arrange of > 10 to 100 tonne

Isopropyl Alcohol has been used in a range of >100 to 1000 tonne

Isopropyl Alcohol contained in products in a range of >100 to 1000 tonne

Please visit NPRI data base (www.ec.gc.ca/inrp-npri) for Release and Off site transfer quantity of above substances.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 28/05/2019, I, Christian Osborne, 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

CAS RN	Substance Name
100- 41-4	Ethylbenzene
1330-20-7	Xylene (all isomers)
67-56-1	Methanol
67-63-0	Isopropyl alcohol

Company Name:

Kleen-Flo Tumbler Industries Ltd.

Highest Ranking Employee

Christian Osborne

Report Submitted by

Christian Osborne

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.

Toxic Reduction Plan Progress Report.

Ethylbenzene:- CAS #100-41-4

As outlined in plan we have implemented **Product Reformulation option**.

We have taken all necessary steps (Product reformulation, performance evaluation, customer approval and implementation of revised formulation at commercial level).

We have estimated to reduce 0.045 tonne in use as outlined in a plan. We have achieved 0.013 tonne Ethylbenzene reduction in use in year 2018. We have estimated to reduce 0.042 tonne in contained in product as outlined in plan. We have achieved 0.023 tonne Ethylbenzene reduction in contained in product in year 2018

We have implemented another option **Onsite Reuse and Recycling** as outlined in the plan. We have taken all necessary steps (Revision of cleaning and flushing procedure and employee training). We have estimated to reduce 0.015 tonne in use as outlined in plan. We have achieved 0.015 tonne Ethylebenzene reduction in use in year 2018. We have estimated to reduce 0.015 tonne in off site disposal as out lined in the plan. We have achieved 0.015 tonne Ethylbenzene reduction in off site disposal in year 2018.

Xylene :- CAS # 1330-20-7

As outlined in plan we have implemented **Product Reformulation option**.

We have taken all necessary steps (Product reformulation, performance evaluation, customer approval and implementation of revised formulation at commercial level).

We have estimated to reduce 0.177 tonne in use as outlined in a plan. We have achieved 0.051 tonne Xylene reduction in use in year 2018. We have estimated to reduce 0.170 tonne in contained in product as outlined in plan. We have achieved 0.091 tonne Xylene reduction in contained in product in year 2018.

We have implemented another option **Onsite Reuse and Recycling** as outlined in the plan. We have taken all necessary steps (Revision of cleaning and flushing procedure and employee training). We have estimated to reduce 0.062 tonne in use as outlined in plan. We have achieved 0.062 tonne Xylene reduction in use in year 2018. We have estimated to reduce 0.062 tonne in off site disposal as out lined in the plan. We have achieved 0.062 tonne Xylene reduction in off site disposal in year 2018.

Methanol:- CAS # 67-56-1

As outlined in plan we have implemented **Product Reformulation option**.

We have taken all necessary steps (Product reformulation, performance evaluation, customer approval and implementation of revised formulation at commercial level).

We have estimated to reduce 0.250 tonne in use as outlined in a plan. We have achieved 0.071 tonne Methanol reduction in use in year 2018. We have estimated to reduce 0.240 tonne in contained in product as outlined in plan. We have achieved 0.076 tonne Methanol reduction in contained in product in year 2018.

We have implemented another option **Onsite Reuse and Recycling** as outlined in the plan. We have taken all necessary steps (Revision of cleaning and flushing procedure and employee training). We have estimated to reduce 0.119 tonne in use as outlined in plan. We have achieved 0.119 tonne Methanol reduction in use in year 2018. We have estimated to reduce 0.119 tonne in off site disposal as out lined in the plan. We have achieved 0.119 tonne Methanol reduction in off site disposal in year 2018.

Isopropyl alcohol:- CAS # 67-63-0

As outlined in plan we have implemented **Product Reformulation option**. We have taken all necessary steps (Product reformulation, performance evaluation, customer approval and implementation of revised formulation at commercial level). We have estimated to reduce 0.604 tonne in use as outlined in a plan. We have achieved 0.666 tonne Isopropyl Alcohol reduction in use in year 2018. We have estimated to reduce 0.614 tonne in contained in product as outlined in plan. We have achieved 0.711 tonne in contained in product in year 2018.

We have implemented another option **Onsite Reuse and Recycling** as outlined in the plan. We have taken all necessary steps (Revision of cleaning and flushing procedure and employee training). We have estimated to reduce 0.312 tonne in use as outlined in plan. We have achieved 0.312 tonne Isopropyl alcohol reduction in use in year 2018. We have estimated to reduce 0.312 tonne in off site disposal as out lined in the plan. We have achieved 0.312 tonne Isopropyl alcohol reduction in off site disposal in year 2018.