

## Public Annual Report - 2017 Year

### Brampton Facility Information:

Anti-Friction Enterprises, Ltd.  
 Public Contact: Jay Jackson  
 General Manager  
 Telephone: 905-793-4493, Ext: 2228  
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 E-mail: [jjackson@anti-friction.ca](mailto:jjackson@anti-friction.ca)  
 150 Summerlea Road  
 Brampton, Ontario  
 L6T 4X3

Substances reported to Ontario Ministry of the Environment – Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (O. Reg. 455/09):

2017	2016	Year to Year
<i>Hydrochloric Acid (CAS #: 7647-01-0)</i>		
Used: 10-100 Tonnes	Used: 10-100 Tonnes	(NPRI 1A) 17.21% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
<i>VOC (CAS #: NA-M16)</i>		
Used: 100-1000 Tonnes	Used: 100-1000 Tonnes	(NPRI 4) 5.02% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
VOC includes:		
<i>Heavy Aromatic Solvent Naptha (CAS #64742-94-5)</i>		
Used: 10-100 Tonnes	Used: 10-100 Tonnes	(NPRI 5) 24.31 decrease
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
<i>&amp; Propylene Glycol Methyl Ether Acetate (CAS # 108-65-6)</i>		
Used: 10-100 Tonnes	Used: 10-100 Tonnes	(NPRI 5) 10.18 decrease
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
<i>&amp; Light Aromatic Solvent Naptha (CAS #64742-95-6)</i>		
Used: 10-100 Tonnes	Used: 10-100 Tonnes	(NPRI 5) 5.31 increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
<i>Xylene (CAS #: 1330-20-7)</i>		
Used: 1-10 Tonnes	Used: 1-10 Tonnes	(NPRI 1A, 5) 13.94% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
<i>Zinc (CAS #: NA-14)</i>		
Used: 10-100 Tonnes	Used: 10-100 Tonnes	(NPRI 1A) 2.87% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 10-100 Tonnes	Contained In Product: 10-100 Tonnes	1.65% decrease
<i>1,2,4 Trimethylbenzene (CAS #: 95-63-6)</i>		
Used: 1-10 Tonnes	Used: 1-10 Tonnes	(NPRI 1A, 5) 12.81% decrease
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change

<i>Bisphenol A (CAS #: 80-05-7)</i>		<i>(NPRI 1B)</i>
Used: 1,000 – 10,000 kg	Used: 1,000 – 10,000 kg	4.68% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 1,000 – 10,000 kg	Contained In Product: 1,000 – 10,000 kg	5.14% increase

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**Rexdale Facility Information:**

Anti-Friction Enterprises, Ltd.  
 Public Contact: Jay Jackson  
 General Manager  
 Telephone: 905-793-4493, Ext: 2228  
 Fax: 905-793-9322  
 E-mail: [jjackson@anti-friction.ca](mailto:jjackson@anti-friction.ca)  
 402 Attwell Drive  
 Rexdale, Ontario  
 M9W 5C3

Substances reported to Ontario Ministry of the Environment – Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (O. Reg. 455/09):

2017	2016	Year to Year
<i>VOC (CAS #: NA-M16)</i>		<i>(NPRI 4)</i>
Used: 10-100 Tonnes	Used: 10-100 Tonnes	5.02% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
VOC includes:		
<i>Heavy Aromatic Solvent Naptha (CAS #64742-94-5)</i>		<i>(NPRI 5)</i>
Used: 10-100 Tonnes	Used: 10-100 Tonnes	68.52% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change
<i>&amp; Propylene Glycol Methyl Ether Acetate (CAS # 108-65-6)</i>		<i>(NPRI 5)</i>
Used: 10-100 Tonnes	Used: 10-100 Tonnes	99.80% increase
Created: 0-1 Tonnes	Created: 0-1 Tonnes	No change
Contained In Product: 0-1 Tonnes	Contained In Product: 0-1 Tonnes	No change

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Explanation of Year to Year Change:

Increases in hydrochloric acid, most VOCs as well as zinc compounds were due to increased production rate of both Anti-Frictions pretreatment and painting lines due to increased customer demand in the reporting years. This trend is likely to continue as demand for coating services has increased with the lower Canadian dollar. This may change due to a possible economic slowdown/trade issues.

The decrease in both heavy aromatic solvent naptha & 1,2,4 Trimethylbenzene were due to paint reformulations of our coatings undertaken by our parent company Magni Industries.

Toxic Reduction Plan Update:

As above, there has been no reduction in uses, creations and discharges of our toxic substances due to increased production demands except in heavy aromatic solvent naptha and 1,2,4 Trimethylbenzene which have been reduced due to paint reformulations.

Anti-Friction has not met timelines in our toxic reduction plans.

No further steps have been taken in regards to our toxic reduction plans for economic reasons.

No additional toxic reduction actions have been taken and no amendments have been made to our toxic reduction plans.

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**Brampton NPRI/TRA Submission Copy:**

**Report Submission and Electronic Certification**

**NPRI - Electronic Statement of Certification**

Specify the language of correspondence

English

Comments (optional)

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

Anti-Friction Enterprises Ltd.

Certifying Official (or authorized delegate)

Daniel Christie

Report Submitted by

Jay Jackson

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 MOE TRA - Electronic Certification Statement**

**Annual Report Certification Statement**

As of 01/06/2018, I, Jay Jackson, 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
95-63-6	1,2,4-Trimethylbenzene
80-05-7	Bisphenol A
64742-94-5	Heavy aromatic solvent naphtha
7647-01-0	Hydrochloric acid
64742-95-6	Light aromatic solvent naphtha
108-65-6	Propylene glycol methyl ether acetate
1330-20-7	Xylene (all isomers)
NA - 14	Zinc (and its compounds)

Company Name

Anti-Friction Enterprises Ltd.

Highest Ranking Employee

Jay Jackson

Report Submitted by

Jay Jackson

Website address

<http://www.anti-friction.ca/disclosures.html>

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.

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## Rexdale NPRI/TRA Submission Copy:

### Report Submission and Electronic Certification

#### NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

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.

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Company Name

Anti-Friction Enterprises Ltd.

Certifying Official (or authorized delegate)

Jay Jackson

Report Submitted by

Jay Jackson

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### ON MOE TRA - Electronic Certification Statement

#### Annual Report Certification Statement

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#### TRA Substance List

CAS RN	Substance Name
64742-94-5	Heavy aromatic solvent naphtha
108-65-6	Propylene glycol methyl ether acetate

Company Name

Anti-Friction Enterprises Ltd.

Highest Ranking Employee

Jay Jackson

Report Submitted by

Jay Jackson

Website address

<http://www.anti-friction.ca/disclosures.html>

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.

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