

Armstrong Manufacturing Inc.

Toxic Reduction Act - Public Annual Report 2021

Company: Armstrong Manufacturing Inc.
2485 Haines Road, Mississauga, ON L4Y 1Y7

NPRI Identification Number: 1093

NAICS Code:

Two Digit NAICS Code: 32 – Manufacturing;
Four Digit NAICS Code: 3256 – Soap, Cleaning Compound and Toilet Preparation
Manufacturing
Six Digit NAICS Code: 325610 – Soap and Cleaning Compound Manufacturing

Public Contact: Steven Armstrong
Vice-President
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UTM Spatial Coordinates (NAD83): UTM Zone 17T
Easting 613544.97
Northing 4827913.59

Number of Full Time Employees: 39

Parent Company: N/A

Substance: Hydrochloric Acid **CAS #:** 7647-01-0

2021 Annual Facility-Wide Accounting:

The amount of substance that entered the facility is the substance itself: 10,000-100,000kg

The amount of substance that was created: 0 kg

The amount of substance that was transformed: 0 kg

The amount of substance that was destroyed: 0 kg

The amount of substance that was contained in product: 10,000-100,000kg

The amount of substance that was released to air: 10-100kg

The amount of substance that was released to water: 1000-10,000kg

The amount of substance that was released to land: 0 kg

The amount of substance that was disposal: 0 kg

The amount of substance that was in transfers to on and off-site disposal and off-site recycling: 0 kg

Armstrong Manufacturing Inc.

2021 Annual Facility-Wide Accounting Summary:

Name of Substance	Hydrochloric Acid	CAS #: 7647-01-0
Enter the process (Use)	10,000-100,000kg	
Contained in product	10,000-100,000kg	
Released to air	10-100kg	

TRA Quantification for comparison of 2020 & 2021

Year	Enter the Process (Use)	Contained in Product	Released to Air	Total On-site Release
2020	100,000-1,000,000kg	100,000-1,000,000kg	10-100kg	10-100kg
2021	10,000-100,000kg	10,000-100,000kg	10-100 kg	10-100 kg
Change	1,000-10,000kg	1,000-10,000kg	10-100kg	10-100kg
%	↓22.00%	↓22.16%	↓5.53%	↓5.53%

Note to change in the quantification process.

HCl Released to Water – The subject release to water is reflecting scrubber acid as well as acid loss to wash-outs to on-site interceptor for neutralization. Interceptor has controlled discharges to the sanitary system only after on-site neutralisation to meet sanitary discharge parameters. There was a NPRI clarification regarding acid release to water once it is neutralised to meet sanitary discharge parameters. As per NPRI directives, this acid release to water, after neutralisation on-site, is not considered an on-site release. *Thus, from now on, this parameter will not be reported as an on-site release.*

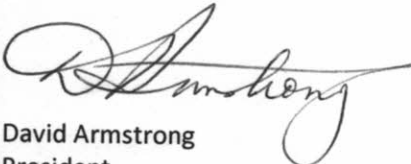
The Company is not intended to reduce the use of the prescribed toxic substance due to the fact that the substance is part of the product formulation. There is no amendment to the plan.

Certification:

As of May 10, 2022, I, David Armstrong, certify that I have read the record created for the purposes of section 9 of Ontario Regulation 455/09 (General) made under the *Toxics Reduction Act, 2009* in respect of the use and creation of the toxic substance referred to below at *Armstrong Manufacturing Inc.* and am familiar with its contents and to my knowledge it is factually accurate.

Hydrochloric Acid

The original version of this report is signed off by:



David Armstrong
President