

Facility Report

Information for ARDAVEN PLATERS

| | |
|----------------------------------|--|
| Reporting year | 2022 |
| Company | Ardaven Platers Inc. |
| Company Mailing Address | Mobile Route 11 Carson Street, Toronto, Ontario, M8W 3R7, Canada |
| Portable Facility? | No |
| NPRI ID | 7056 |
| Facility Physical Address | 11 Carson Street, Toronto, Ontario, M8W 3R7, Canada |

Facility details

| | | | | | | |
|---|---|----------------------|---------|-----------------|---------------------|------------------|
| Business number | 801462961 | | | | | |
| DUNS | | | | | | |
| Number of full-time employee equivalents | 11 | | | | | |
| Contact information | Stephen Spray General Manager 416-252-2222 ardaven@bellnet.ca English | | | | | |
| Parent company | Parent company | Percentage ownership | Address | Business number | DUNS Number | |
| Typical days of operation | | | | | | |
| Operating hours | | | | | | |
| Start time | | | | | | |
| Shutdown periods | Period | Start | End | Duration (day) | Same Time Next Year | Partial Shutdown |
| | N/A | N/A | N/A | N/A | | |
| Activities | Activities with no employee threshold None of the above Activities that require Part 3 reporting None of the above | | | | | |

Report details

| | |
|-----------------------------|--|
| Type | NPRI Inventory |
| Last Updated | 2023-05-16 2:29:16 PM |
| Other years' reports | 2015, 2014, 2013, 2012, 2011, 2016, 2017, 2018, 2010, 2009, 2008, 2006, 2007, 2003, 2005, 2004, 2002, 2001, 2019, 2020, 2021, 2023, 2024 |
| Facility is case 3 | No |
| Facility is case 4 | No |

Geographical details

| | |
|---|-----------------|
| Latitude | 43.6003 |
| Longitude | -79.53261 |
| Datum | 1983 |
| Census sub-division | Toronto |
| Census division | Toronto |
| Economic area | Toronto |
| Census metropolitan and agglomeration area | Toronto |
| Ecozone | MixedWood Plain |

| | |
|--------------------------------|----------------------------|
| Major drainage area | St. Lawrence Drainage Area |
| Land survey description | |
| National Topograph Description | B-023-H/030-M-12 |
| Additional information | |

Industry details

| | |
|-----------------------|--|
| Key industrial sector | Other Manufacturing |
| NAICS2 | Manufacturing |
| NAICS4 | Coating, engraving, cold and heat treating and allied activities |
| NAICS6 Primary | Coating, engraving, cold and heat treating and allied activities |
| NAICS6 Secondary | |
| NAICS6 Tertiary | |

Pollution prevention

Plan details

Pollution prevention

| | |
|-----------------------------------|---|
| Does the facility have a P2 plan? | The facility has a P2 plan |
| Reason for plan preparation | Plan was prepared or implemented for another government jurisdiction or Parliament (i.e. provincial government) |
| Recent update | The report was not updated during the reporting year |
| Target of plan | |

Activities

| Primary activity | Secondary activity | Comment |
|-------------------|--------------------|---------|
| No data available | | |

Other environmental programs

Other facility identifiers

| ID number | Program |
|-----------|---------|
|-----------|---------|

Permits

| Permit number | Issuing Agency |
|---------------|----------------|
|---------------|----------------|

Summary

| Substance | CAS number | Units | Releases | | | | Disposals and Transfers | | | | Voluntary Report |
|---|------------|-------|----------|-------|------|-------|-------------------------|--------------------|--------------------|--------------------|------------------|
| | | | Air | Water | Land | Total | On-site disposals | Off-site disposals | Off-site treatment | Off-site recycling | |
| Cadmium (and its compounds) | NA - 03 | kg | 0.030 | - | - | 0.030 | - | 0.651 | 0.010 | - | |
| Hexavalent chromium (and its compounds) | NA - 19 | kg | 0.002 | - | - | 0.002 | - | - | - | - | |

Comments

| Substance | CAS number | Comment Type | Comment |
|-----------|------------|--------------|---------|
|-----------|------------|--------------|---------|

Off-site disposals

| Substance | CAS number | Units | Landfill | Land Treatment | Underground Storage and Injection | Tailings | Waste Rock | Total |
|-----------------------------|------------|-------|----------|----------------|-----------------------------------|----------|------------|-------|
| Cadmium (and its compounds) | NA - 03 | kg | 0.6510 | - | - | - | - | 0.651 |

Other years data

| Year | CAS number | Substance | Units | Releases | | | | Disposals and Transfers | | | |
|------|------------|---|-------|----------|-------|------|-------|-------------------------|--------------------|--------------------|--------------------|
| | | | | Air | Water | Land | Total | On-site disposals | Off-site disposals | Off-site treatment | Off-site recycling |
| 2023 | NA - 03 | Cadmium (and its compounds) | kg | 0.015 | - | - | 0.015 | - | 0.326 | 0.005 | - |
| 2021 | NA - 03 | Cadmium (and its compounds) | kg | 0.030 | - | - | 0.030 | - | 1.250 | 0.023 | - |
| 2020 | NA - 03 | Cadmium (and its compounds) | kg | 0.030 | - | - | 0.030 | - | 1.180 | 0.020 | - |
| 2019 | NA - 03 | Cadmium (and its compounds) | kg | 0.030 | - | - | 0.030 | - | 1.540 | 0.020 | - |
| 2018 | NA - 03 | Cadmium (and its compounds) | kg | 0.030 | - | - | 0.030 | - | 1.990 | 0.020 | - |
| 2017 | NA - 03 | Cadmium (and its compounds) | kg | 0.040 | - | - | 0.040 | - | 4.100 | 0.034 | - |
| 2016 | NA - 03 | Cadmium (and its compounds) | kg | 0.040 | - | - | 0.040 | - | 3.970 | 0.033 | - |
| 2015 | NA - 03 | Cadmium (and its compounds) | kg | 0.040 | - | - | 0.040 | - | 3.620 | 0.030 | - |
| 2014 | NA - 03 | Cadmium (and its compounds) | kg | 0.040 | - | - | 0.040 | - | 3.450 | 0.025 | - |
| 2013 | NA - 03 | Cadmium (and its compounds) | kg | 0.040 | - | - | 0.040 | - | 3.180 | 0.023 | - |
| 2012 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 3.100 | 0.050 | - |
| 2011 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 3.970 | 0.060 | - |
| 2010 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 3.420 | 0.030 | - |
| 2009 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 11.550 | 0.030 | - |
| 2008 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 16.780 | 0.039 | - |
| 2007 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 18.100 | 0.042 | - |
| 2006 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 21.700 | 0.114 | - |
| 2005 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 21.310 | 0.167 | - |
| 2004 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 20.860 | 0.075 | - |
| 2003 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 17.100 | 0.060 | - |
| 2002 | NA - 03 | Cadmium (and its compounds) | kg | 0.050 | - | - | 0.050 | - | 19.200 | 0.150 | - |
| 2024 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2023 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2021 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2020 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2019 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2018 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2017 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2016 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |

| | | | | | | | | | | | |
|------|-----------|---|--------|-------|---|---|-------|---|---------|-------|---|
| 2016 | NA - 19 | chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2015 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2014 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.002 | - | - | 0.002 | - | - | - | - |
| 2013 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.636 | - | - | 0.636 | - | - | - | - |
| 2012 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.749 | - | - | 0.749 | - | - | - | - |
| 2011 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.749 | - | - | 0.749 | - | - | - | - |
| 2010 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.749 | - | - | 0.749 | - | 118.500 | 0.850 | - |
| 2009 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 0.702 | - | - | 0.702 | - | 255.800 | 0.450 | - |
| 2008 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 1.404 | - | - | 1.404 | - | 371.600 | 0.610 | - |
| 2007 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 1.404 | - | - | 1.404 | - | 400.800 | 1.320 | - |
| 2006 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 1.404 | - | - | 1.404 | - | 481.400 | 2.110 | - |
| 2005 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 1.404 | - | - | 1.404 | - | 471.800 | 3.480 | - |
| 2004 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 1.404 | - | - | 1.404 | - | 461.800 | 4.850 | - |
| 2003 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 1.000 | - | - | 1.000 | - | 379.300 | 5.320 | - |
| 2002 | NA - 19 | Hexavalent chromium (and its compounds) | kg | 1.000 | - | - | 1.000 | - | 425.200 | 6.400 | - |
| 2009 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2008 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2007 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2006 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2005 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2004 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2003 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2002 | 7647-01-0 | Hydrochloric acid | tonnes | - | - | - | 0.000 | - | - | - | - |
| 2009 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2008 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2007 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2006 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2005 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2004 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2003 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2002 | NA - 08 | Lead (and its compounds) | kg | - | - | - | 0.000 | - | - | - | - |
| 2009 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 1.551 | 0.009 | - |

| | | | | | | | | | | | |
|------|---------|--------------------------|--------|-------|---|---|-------|---|-------|-------|---|
| 2009 | NA - 14 | compounds) | tonnes | 0.001 | - | - | 0.001 | - | 1.551 | 0.009 | - |
| 2008 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 2.253 | 0.011 | - |
| 2007 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 2.430 | 0.013 | - |
| 2006 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 2.920 | 0.019 | - |
| 2005 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 2.861 | 0.021 | - |
| 2004 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 2.801 | 0.021 | - |
| 2003 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 2.300 | 0.020 | - |
| 2002 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 2.578 | 0.018 | - |
| 2001 | NA - 14 | Zinc (and its compounds) | tonnes | 0.001 | - | - | 0.001 | - | 3.279 | 0.036 | - |

Substance detail

Hexavalent chromium (and its compounds)

Releases

Releases to air

| Type | Units | Quantity | Basis of estimate |
|----------|-------|-------------|---------------------------------|
| Fugitive | kg | 0.002100000 | E2 - Published Emission Factors |

Additional information

Contextual information

| | |
|---|---|
| Nature of activities related to the substance | Process - Reactant |
| Reasons for change from previous year | No Significant Change (i.e. < 0 - 10%) |
| Comments on releases | |
| Comments on releases to land – other | |

Quarterly releases

| Quarter | Release percentage |
|---------|--------------------|
| Q1 | 25.000000 |
| Q2 | 25.000000 |
| Q3 | 25.000000 |
| Q4 | 25.000000 |

Additional information on disposals

Contextual information

| | |
|--|---|
| Reason(s) for substance disposal | |
| Reasons for change from previous year | No Significant Change (i.e. < 0 - 10%) |
| Comments on disposals | |
| Comments on exclusions in tailing and waste rock | |

Additional information on off-site recycling

Contextual information

Transfers for off-site recycling

| | |
|---------------------------------------|--|
| Reason(s) for substance recycling | |
| Reasons for change from previous year | No Significant Change (i.e. < 0 - 10%) |

Substance detail

Cadmium (and its compounds)

Releases

Releases to air

| Type | Units | Quantity | Basis of estimate |
|----------|-------|-------------|---------------------------------|
| Fugitive | kg | 0.030000000 | E2 - Published Emission Factors |

Additional information

Contextual information

| | |
|---|-------------------------------|
| Nature of activities related to the substance | Process - Reactant |
| Reasons for change from previous year | Decrease in production levels |
| Comments on releases | |
| Comments on releases to land – other | |

Quarterly releases

| Quarter | Release percentage |
|---------|--------------------|
| Q1 | 25.000000 |
| Q2 | 25.000000 |
| Q3 | 25.000000 |
| Q4 | 25.000000 |

Off-site disposals

| Type | Units | Quantity | Basis of estimate |
|----------|-------|-------------|----------------------|
| Landfill | kg | 0.651000000 | M3 - Source Testing |
| | | | Receiving facility |
| | | | Clean Harbors Canada |
| | | | 0.651000000 |
| | | | Inc.,4090 Telfer |
| | | | Road,Corunna |

Additional information on disposals

Contextual information

| | |
|--|-------------------------------|
| Reason(s) for substance disposal | Pollution abatement residues |
| Reasons for change from previous year | Decrease in production levels |
| Comments on disposals | |
| Comments on exclusions in tailing and waste rock | |

Additional information on off-site recycling

Contextual information

Transfers for off-site recycling

Reason(s) for substance recycling

Reasons for change from previous year

No Significant Change (i.e. < 0 - 10%)
