



BURNSIDE

Toxic Substance Reduction Plan

Lorama Group Inc.

**R.J. Burnside & Associates Limited
6990 Creditview Road, Unit 2
Mississauga ON L5N 8R9 CANADA**

**August 2014
300035811.0000**



BURNSIDE

[THE DIFFERENCE IS OUR PEOPLE]

Summary

10.0 Summary

| | |
|--------------------------------|---|
| Substance name and CAS#: | Phosphorus [NA-22] |
| NPRI Identification Number: | Not Yet Assigned |
| O.Reg. 127/01 Number: | None |
| Company Name: | Lorama Group Inc. |
| Company Address: | 221 Nipissing Road, Milton ON L9T1R3 |
| Number of Full-time Employees: | 13 |
| Two Digit NAICS Code: | 32 - Manufacturing |
| Four Digit NAICS Code: | 3259 - Other Chemical Product Manufacturing |
| Six Digit NAICS Code: | 325999 - All Other Miscellaneous Chemical Product Manufacturing |

Public Contact:

| | |
|---------------|--------------------------------------|
| Name: | Mirceta Elez |
| Address: | 221 Nipissing Road, Milton ON L9T1R3 |
| Phone Number: | 905-878-2833 |
| Fax Number: | 905-878-7732 |
| E-mail: | elez@lorama.com |

Spatial Coordinates:

| | |
|---------------|------------|
| UTM Datum: | NAD83 |
| Zone: | 17 |
| Easting (m): | 591390.43 |
| Northing (m): | 4819323.46 |

Statement of Intent:

Lorama Group Inc. uses Phosphorus (NA-22) in one process. Lorama does not create phosphorus so this plan will not address the reduction of its creation.

Objective:

Lorama Group Inc. produces paint additives. The main process is the hydration of starch which involves mixing of dry and wet ingredients.

Lorama is dedicated to providing its customers with the best quality products and technical services at the best prices with the best customer service.

Lorama will continue to monitor scientific advances for opportunities to reduce the use of phosphoric acid in their product.

Reason for Use:

Phosphoric acid is used in production for pH adjustment and control at the facility.

Target:

Lorama Group Inc. will reduce the use of phosphorus if a substitute method can be found to neutralize the final product that also meets the other criteria.

Toxic Substance Reduction Plan - Summary
August 2014

Certification: Highest Ranking Employee

As of December 19, 2014, I, Pat Amiel certify that I have read the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Phosphorus (NA-22)

| | |
|-------------------|-------------------|
| | December 19, 2104 |
| Pat Amiel | Date |
| Director | |
| Lorama Group Inc. | |

Certification: Planner

As of December 19, 2014, I, Harvey Watson certify that I am familiar with the processes at Lorama Group Inc. that use or create the toxic substance referred to below, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 19, 2014 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

Phosporus (NA-22)

| | |
|--|-------------------|
| | December 19, 2104 |
| Harvey Watson | Date |
| Technical Group Leader, Air and Noise | |
| R.J. Burnside & Associates Limited | |
| Planner License No.: TSRP0156 | |
| Harvey.Watson@rjburnside.com | |

This summary accurately reflects the Toxics Reduction Plan phosphorous dated December 20, 2014.