

PLAN SUMMARY

Raytheon ELCAN Optical Technologies (ELCAN) operates the Leitz Road facility which is located at 450 Leitz Road, Midland centered at UTM coordinates (589165, 4955674) (NAD83 datum). The facility manufactures high grade lenses (NAICS code 333310). The facility meets the criteria which determines applicability of the Act and is therefore considered a regulated facility.

The main solvent used at the facility is an ethanol/methanol blend which is used throughout for cleaning and removing manufacturing residues from lenses. Ethanol, a component of the cleaning solvent, is listed with a CAS RN 64-17-5. In 2011, ELCAN emitted volatile organic compounds in excess of the 10 tonne NPRI reporting threshold and ethanol in excess of the 1 tonne reporting threshold and thus was required to report releases. The facility's NPRI ID is 7357 and O.Reg. 127/01 ID is 8499.

In 2011, ELCAN employed 765 full time employees (equivalent). The NAICS codes applicable to the facility are:

Two-digit: 33 – Manufacturing
Four-digit: 3333 – Commercial and Service Industry Machinery Manufacturing
Six-digit: 333310 – Commercial and Service Industry Machinery Manufacturing

The public contact for the facility is Michael J. Reid, Manager, Environment Health & Safety and Enterprise Preparedness:

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A Toxic Reduction Plan (TRP) was prepared for ethanol. No other TRPs were prepared for this facility for 2012.

ELCAN is committed to playing a leadership role in protecting the environment. Wherever feasible, we will eliminate or reduce the use and discharge of ethanol in full compliance with all federal and provincial regulations. After analyzing the options under each category, none were found to be economically feasible and so ELCAN does not intend to reduce its use of ethanol. Toxic substance reduction will be an ongoing effort, and technological advancements will be monitored to ensure that options that are both technologically and financially viable are considered for implementation at the facility.

This plan summary accurately reflects the content of the toxic substance reduction plan for ethanol, prepared on behalf of ELCAN Optical Technologies, dated 20 December 2013.