

**REPORT TO PUBLIC**

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 blend which is used throughout for cleaning and removing manufacturing residues from lenses. Ethanol is listed with a CAS RN 64-17-5. The facility’s NPRI ID is 7357 and O.Reg. 127/01 ID is 8499.

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 for 2012. The following table tracks changes in the use, creation, contained in product and releases. Where applicable, quantities are reported in ranges for confidentiality reasons.

	2012	2013	% Change	Change (tonnes)	Rationale for Change (if > 10%)
Use	> 1 to 10	> 10 to 100	50%	3345	Replaced methanol solvent with ethanol
Release to Air (tonnes)	2082	3252	56%	1170	Replaced methanol solvent with ethanol
Offsite Recycling (tonnes)	1139	1140	0.1%	1	n/a

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.

A copy of the certification for the TRP for ethanol, dated 20 December 2013, is provided on the following page. There have been no significant process changes, changes to quantifications or plan amendments since its preparation.