

Ontario Regulation 455/09 – Public Information Report for 2014

FACILITY INFORMATION

Sun Chemical Limited

10 West Drive
Brampton, Ontario L6T 4Y4

NAICS Id: 325910
NPRI Id: 4833
MOE Id: 7038
Location: Latitude N 43° 41' 37"
Longitude W 79° 42' 39"
Number of Employees: 104

PUBLIC CONTACT INFORMATION

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Plant Manager
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REPORTED SUBSTANCES

Copper, and its compounds	NA - 06
Ethyl acetate	141-78-6
Ethyl alcohol	64-17-5
Isopropyl alcohol	67-63-0
Heptane	(all isomers)
Solvent naphtha light aliphatic	64742-89-8
Stoddard solvent	8052-41-3

Copper, and its compounds (NA – 06)

Copper, and its compounds, did not meet the criteria for reporting in 2014.

Ethyl alcohol (CAS # 64-17-5)

Sun Chemical reduced purchases of ethyl alcohol used in our products by over 10% and reduced our air emissions by approximately 13% compared to 2013.

Emissions have been reduced by modifying formulations, improving efficiency and processing times.

There are no current amendments to the plan.

Ethyl acetate (CAS # 141-78-6)

The recovery program for dormant materials has continued from 2013. Reducing processing times and using a clearinghouse to send materials between branches have also reduced emissions. Employees have also been trained to prevent losses, achieving approximately 90% efficiency.

The amount of ethyl acetate entering Sun Chemical, and subsequently used in products, was reduced by over 40%. Compared to 2013, this is a reduction in emissions of 46%.

There are no current amendments to the plan.

Light aliphatic naphtha (CAS # 64742-89-8)

Continued reductions from 2013 were achieved due to the recovery program for dormant materials and use of a clearinghouse to exchange materials between branches. Reduced processing time and loss prevention training also helped to achieve approximately 90% efficiency.

A reduction in use of approximately 16% was achieved and emitted to the air compared to 2013.

There are no current amendments to the plan.

Isopropyl alcohol (CAS # 67-63-0)

Reduced processing times, using a clearinghouse to exchange materials between branches, and using dormant inventory reduced air emissions. Loss prevention training also helped to achieve approximately 90% efficiency.

There was a small reduction in both the usage of isopropyl alcohol and the emission rate as compared to 2013.

There are no current amendments to the plan.

Heptane (all isomers)

Reduced processing times, using a clearinghouse to exchange materials between branches, and using dormant inventory reduced air emissions. Loss prevention training also helped to achieve approximately 90% efficiency.

There was a small reduction in both the usage of heptane (all isomers) and the emission rate as compared to 2013.

There are no current amendments to the plan.

Stoddard solvent (CAS # 8052-41-3)

Reduced processing times, using a clearinghouse to exchange materials between branches, and using dormant inventory reduced air emissions. Loss prevention training also helped to achieve approximately 90% efficiency.

A decrease of more than 66% entered the facility, but a minimal increase of less than 3% was released to the air compared to 2013.

There are no current amendments to the plan.

Ongoing Reduction Efforts

Changes have been made to increase the efficiency of our procedures to reach target goals one year ahead of schedule. Procedures have also been reviewed to reduce emissions in routine maintenance as well as daily operations.

There are no recommended improvements to our equipment to aid reduction efforts as none are cost effective at this time. Suggested improvements will be revisited in future years to re-evaluate the feasibility of these projects.

Sun Chemical is committed to our long-term goal of reducing toxic substances. We are constantly looking for new ways to reduce toxic substances while improving product performance and quality, not only for ourselves, but also for our customers. Because products are constantly changing and evolving to keep up with new innovations, our reduction plans are continually reviewed to ensure we keep sustainable development a priority.

Statement of Certification by highest ranking employee

As of May 29, 2013, I, Rod Staveley, certify that I have read the toxic substance reduction plan for the toxic substances 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.

Ethyl Alcohol	64-17-5	Isopropyl Alcohol	67-63-0
Ethyl Acetate	141-78-6	Heptane (all isomers)	----
Light Aliphatic Naphtha	64742-89-8	Stoddard Solvent	8052-41-3
Copper (and its compounds)	NA- 06		
Highest Ranking Employee:	Rod Staveley President, Sun Chemical Ltd.		

Reportable Substances for 2014 TRA Summary

Sun Chemical Limited

Substance	Ethyl Acetate 141-78-6	Ethyl Alcohol 64-17-5	Isopropyl alcohol 67-63-0	Heptane (all isomers)	Solvent naphtha light aliphatic 64742-89-8	Stoddard solvent 8052-41-3
Quantity used	> 100 to 1,000	1,000 to 10,000	> 100 to 1,000	> 100 to 1,000	> 100 to 1,000	> 10 to 100
Quantity created	0	0	0	0	0	0
Quantity released to air	3.327	26.267	4.132	3.873	1.660	1.300
Quantity destroyed	0	0	0	0	0	0
Quantity disposed off-site	0	0	0	0	0	0
Quantity transferred off-site	4.903	39.505	6.391	9.806	4.642	3.914
*All quantities measured in tonnes						