

Toxic Substance Reduction Plan Summary for Protech Chemicals Ltd

Company Information				Facility Information					
Company Legal Name	Protech Chemicals Ltd	Company Trade Name	Protech Chemicals Ltd	Facility Name	Protech Chemicals Ltd	NPRI ID	5525	NAICs Code	325510
Mailing and Physical Address	7600, Ouest Henri Bourassa, Saint-Laurent, H4S1W3, QC			Mailing and Physical Address	150 Klondike Drive, North York, ON, M9L 1X3		Employees	46	
				UTM Coordinates, Zone, Easting, Northing	17N 616512 4847113				
				Public Contact Name, Position, and Phone Number	Cristina Roman, Health and Safety Coordinator Phone: (514) 745-0200 x107, Fax: (514) 745-5774				

Substance Information
Plans have been prepared for the following substance: Acetone, CAS #67-64-1

Statement of Intent		
		Protech's overall goal is to improve the efficient use of resources, minimize waste streams and emissions, and implement effective recycling programs in their manufacturing operations. It is the facility's intent to minimize the use of acetone through practical opportunities identified operationally.
Acetone	Creation	The facility does not intend to reduce the creation of acetone as it is not created at the facility.


Objectives	
Acetone	It is the intent of the Protech's Toronto Facility to be an industry leader in health, safety, and environmental practices in all of our operations with the intention, through technological innovation and process efficiencies, to minimize the impact of our operations on the environment, and to provide safe and healthful working conditions. It is for this reason that in 2010 Protech switched from a more hazardous cleaning solvent (in terms of employee health and safety) to acetone. This Plan is intended to identify viable options (i.e., those that are both technically and economically feasible) to now reduce the use of acetone at the facility.


Reasons for Use and/or Creation			
Acetone	Use Category Creation Category	As a cleaning agent (ancillary other use) Not created	Use Summary Creation Summary
			Acetone is used to remove coating residues from the production line and components prior to completion of the next batch. N.A.

2012 TRA Quantifications (Tonnes)								
Substance	CAS	Phase	Used	Created	Contained in Product	Released (tonnes)	Disposed (tonnes)	Transferred (tonnes)
Acetone	67-64-1	2	10 - 100 tonnes	0 - 10 tonnes	N.A.	10.92	N.A.	0.65

Statement of No Intent to Implement Options
The Protech Toronto Facility examined a number of potential options to reduce the amount of acetone used in its manual cleaning process. None of the options identified in any of the reduction categories, however, were considered to be technically feasible. Therefore, the Protech Toronto Facility will not be implementing any Toxic Reduction Options under this Plan.
Notes:

Certification Statements

Highest Ranking Employee					
As of 13 December 2013, I, Slava Rychkov, 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.					
Acetone, CAS #67-64-1					
Signature		Name	Position	Plant Manager	Company Name
		Slava Rychkov			Protech Chemicals Ltd.

Licensed Planner					
As of 13 December 2013, I, Abby Salb, certify that I am familiar with the processes at Protech Chemicals 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 13 December 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.					
Acetone, CAS #67-64-1					
Signature		Name	Position	Senior Environmental Engineer	Company Name
		Abby Salb	License Number	TSRP0124	SENES Consultants

