

# Plan Summary Preview

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## Company Details

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Company Legal Name

Solenis Canada ULC

Company Address

942 Brant Street, Burlington (Ontario)

## Report Details

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Facility Name

BURLINGTON PLANT

Facility Address

942 Brant Street, Burlington (Ontario)

Update Comments

## Activities

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## Contacts

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Select the Facility Contacts

## Facility Contacts

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Please assign the appropriate contact under each category below.

Public Contact: \*

Arturo Pena

Highest Ranking Employee

Arturo Pena

Person responsible for Toxic Substance Reduction Plan preparation

Wasef Jamil

## Organization Validation

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## Company and Parent Company Information

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## Company Details

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Company Legal Name: \*

Solenis Canada ULC

Company Trade Name: \*

Business Number: \*

## Mailing Address

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Delivery Mode

PO Box

Rural Route Number

Address Line 1

City \*

Province/Territory \*\*

Postal Code: \*\*

## Physical Address

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Address Line 1

City

Province/Territory

Postal Code

Additional Information

Land Survey Description

National Topographical Description

## Parent Companies

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Empty

## Facility Validation

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The information in this section was copied from the Single Window Information Manager (SWIM) at the time the plan summary was created. Please verify the information and update it where required. Please note that any changes made here will only be reflected in this plan summary. To ensure updates reflected in future reports, please ensure the information is updated in SWIM. After making updates in SWIM, return here and click the "Refresh" button to trigger a reload of the SWIM information. Please note all previously entered data

will be modified.

## Facility Information

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Facility Name: *	<input type="text" value="BURLINGTON PLANT"/>
NAICS Code: *	<input type="text" value="325999"/>
NPRI Id: *	<input type="text" value="3643"/>
ON Reg 127/01 Id	<input type="text"/>

## Facility Mailing Address

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Delivery Mode	<input type="text" value="Post Office Box"/>
PO Box	<input type="text" value="100"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="942 Brant Street"/>
City *	<input type="text" value="Burlington"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="L7R 3X8"/>

## Physical Address

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Address Line 1	<input type="text" value="942 Brant Street"/>
City	<input type="text" value="Burlington"/>
Province/Territory	<input type="text" value="Ontario"/>
Postal Code	<input type="text" value="L7R3X8"/>
Additional Information	<input type="text"/>
Land Survey Description	<input type="text"/>
National Topographical Description	<input type="text"/>

## Geographical Address

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Latitude **	<input type="text" value="43.33650"/>
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Longitude **	<input type="text" value="-79.81310"/>
UTM Zone **	<input type="text" value="17"/>
UTM Easting **	<input type="text" value="595916"/>
UTM Northing **	<input type="text" value="4798504"/>

## Contact Validation

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## Contacts

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### Public Contact

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First Name: *	<input type="text" value="Arturo"/>
Last Name: *	<input type="text" value="Pena"/>
Position: *	<input type="text" value="EHS Engineer"/>
Telephone: *	<input type="text" value="9056327861"/>
Ext	<input type="text" value="2116"/>
Fax	<input type="text"/>
Email: *	<input type="text" value="mpongetti@solenis.com"/>

### Mailing Address

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Delivery Mode	<input type="text" value="General Delivery"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="942 Brant Street"/>
City *	<input type="text" value="Burlington"/>

Province/Territory \*\*

Postal Code: \*\*

### Highest Ranking Employee

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First Name: \*

Last Name: \*

Position: \*

Telephone: \*

Ext

Fax

Email: \*

### Mailing Address

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Delivery Mode

PO Box

Rural Route Number

Address Line 1

City \*

Province/Territory \*\*

Postal Code: \*\*

### Person responsible for the Toxic Substance Reduction Plan preparation

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First Name: \*

Last Name: \*

Position: \*

Telephone: \*

Ext

Fax

Email: \*

## Mailing Address

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Delivery Mode

PO Box

Rural Route Number

Address Line 1

City \*

Province/Territory \*\*

Postal Code: \*\*

## Employees

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### Employees

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Number of Full-time Employees: \*

## Substances

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### 107-21-1, Ethylene glycol

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107-21-1, Ethylene glycol

## Substances Section Data

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### Statement of Intent

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Are the following included in the Facility's TRA Plan?

### Use

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Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: \*

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: \*\*

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: \*\*

Solenis is committed to protecting the environment and ensuring the health, safety and security of their employees, their families and the communities where we work and live. Solenis strives to provide exceptional product stewardship in support of their customers, suppliers and the markets that they serve. Solenis works to be an industry leader in these areas and are committed to operating their global facilities and businesses using the principles of Responsible Care.

At the Burlington Facility, ethylene glycol is used as a chemical ingredient for producing various finished products. Whenever feasible, Solenis will eliminate, or reduce the use of ethylene glycol in full compliance with all federal and provincial regulations.

## Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: \*

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: \*\*

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: \*\*

Ethylene Glycol is not created at the Facility

## Objectives, Targets and Description

### Objectives

Objectives in plan: \*

Solenis intends to monitor new methods and investigate ways to reduce or eliminate the use of sodium nitrite. At this time, a reduction target is not set but Solenis will monitor and implement, whenever feasible.

### Use Targets

What is the targeted reduction in use of the toxic substance at the facility? \*

No quantity target

Quantity

Unit



or

What is the targeted timeframe for this reduction? \*

No timeline target

years

or

Description of targets

## Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? \*

**No quantity target**

**Quantity**

**Unit**

or

What is the targeted timeframe for this reduction? \*

**No timeline target**

**years**

or

Description of Target

## Reasons for Use

Why is the toxic substance used at the facility?: \*

For on-site use/processing

Summarize why the toxic substance is used at the facility: \*\*

Ethylene Glycol is used at the Facility as an ingredient in the manufacturing of various water treatment and other industrial process chemicals.

## Reasons for Creation

Why is the toxic substance created at the facility?: \*

This substance is not created at the facility

Summarize why the toxic substance is created at the facility: \*\*

## Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: \*



Yes, we are not implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option. Explanation of the reasons why no option will be implemented: \*\*

This TSRP did not identify any reduction option for the use of Ethylene Glycol at the Facility, hence, a technical and an economic feasibility analyses have not been undertaken for implementation.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): \*

TSRP0134

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): \*

TSRP0134

What version of the plan is this summary based on?: \*

New Plan

## 7632-00-0, Sodium nitrite

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7632-00-0, Sodium nitrite

### Substances Section Data

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#### Statement of Intent

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Are the following included in the Facility's TRA Plan?

#### Use

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Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: \*

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the use of the toxic substance at the facility: \*\*

If 'no', reason in the facility's TRA Plan for no intent to reduce the use of the toxic substance at the facility: \*\*

Solenis is committed to protecting the environment and ensuring the health, safety and security of their employees, their families and the communities where we work and live. Solenis strives to provide exceptional product stewardship in support of their customers, suppliers and the markets that they serve. Solenis works to be an industry leader in these areas and are committed to operating their global facilities and businesses using the principles of Responsible Care.

At the Burlington Facility, sodium nitrite is used as a chemical ingredient for producing various finished products. Whenever feasible, Solenis will eliminate, or reduce the use of sodium nitrite in full compliance with all federal and provincial regulations.

#### Creation

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Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: \*

No

If 'yes', exact statement of the intent that is included in the facility's TRA Plan to reduce the creation of the toxic substance at the facility: \*\*

If 'no', reason in the facility's TRA Plan for no intent to reduce the creation of the toxic substance at the facility: \*\*

Sodium Nitrite is not created at the Facility

### Objectives, Targets and Description

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#### Objectives

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Objectives in plan: \*

Solenis intends to monitor new methods and investigate ways to reduce or eliminate the use of sodium nitrite. At this time, a reduction target is not set but Solenis will monitor and implement, whenever feasible.

## Use Targets

What is the targeted reduction in use of the toxic substance at the facility? \*

No quantity target	Quantity	Unit
<input checked="" type="checkbox"/>	or	

What is the targeted timeframe for this reduction? \*

No timeline target	years
<input checked="" type="checkbox"/>	or

Description of targets

## Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? \*

No quantity target	Quantity	Unit
<input checked="" type="checkbox"/>	or	

What is the targeted timeframe for this reduction? \*

No timeline target	years
<input checked="" type="checkbox"/>	or

Description of Target

## Reasons for Use

Why is the toxic substance used at the facility?: \*

Summarize why the toxic substance is used at the facility: \*\*

Sodium Nitrite is used at the Facility as an ingredient in the manufacturing of various water treatment and other industrial process chemicals.

## Reasons for Creation

Why is the toxic substance created at the facility?: \*

This substance is not created at the facility

Summarize why the toxic substance is created at the facility: \*\*

## Toxic Reduction Options for Implementation

### Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: \*

Yes, we are not implementing

If you answered "No" to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.). If you answered "Yes" please provide an explanation below why your facility is not implementing an option.  
Explanation of the reasons why no option will be implemented: \*\*

This TSRP did not identify any reduction option for the use of Sodium Nitrite at the Facility, hence, a technical and an economic feasibility analyses have not been undertaken for implementation.

### Materials or feedstock substitution

Empty

### Product design or reformulation

Empty

### Equipment or process modifications

Empty

### Spill or leak prevention

Empty

### On-site reuse, recycling or recovery

Empty

### Improved inventory management or purchasing techniques

Empty

### Good operator practice or training

Empty

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): \*

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): \*

What version of the plan is this summary based on?: \*


## 7 CERTIFICATION STATEMENT – SODIUM NITRITE

As of December 24, 2015 I, Michele Pongetti, certify that I have read the toxic substance reduction plan for 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.

  
 Michele Pongetti  
 Facility Manager, Solenis Canada ULC.  
 (Highest Ranking Employee)

December 24, 2015  
 Date

As of December 24, 2015, I, Wasef Jamil, certify that I am familiar with the processes at Solenis Canada ULC, Burlington Facility that use or create the toxic substances referred to in subparagraphs 7iii, iv and v of subsection 4(1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 24, 2015 and that the plan complies with the Act and Ontario Regulation 455/09 (General) made under that Act.

  
 Wasef Jamil  
 Toxic Substance Reduction Planner  
 Licence # TSRP0134

Digitally signed by  
 wasef.jamil@solenis.com  
 DN: cn=wasef.jamil@solenis.com  
 Date: 2015.12.24 12:40:19 -0500

\_\_\_\_\_  
 Date

## 8 CERTIFICATION STATEMENT – ETHYLENE GLYCOL

As of December 24, 2015, I, Michele Pongetti, certify that I have read the toxic substance reduction plan for 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.



Michele Pongetti  
Facility Manager, Solenis Canada ULC  
(Highest Ranking Employee)

December 24, 2015

Date

As of December 24, 2015, I, Wasef Jamil, certify that I am familiar with the processes at Solenis Canada ULC, Burlington Facility that use or create the toxic substances referred to in subparagraphs 7iii, iv and v of subsection 4(1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 24, 2015 and that the plan complies with the Act and Ontario Regulation 455/09 (General) made under that Act.



Digitally signed by  
wasef.jamil@solenisgroup.com  
DN:  
cN=wasef.jamil@solenisgroup.com  
Date: 2015.12.24 12:36:30 -0500

Wasef Jamil  
Toxic Substance Reduction Planner  
Licence # TSRP0134

Date