

Ontario Toxics Reduction Plan Summary Public Disclosure – 2019

Facility Details

Facility Name: Furlani's Food Corporation.
Address: 1700 Aimco Boulevard, Mississauga, ON
NPRI Identification Number: 11334
Two Digit NAICS Code: 31-33 - Manufacturing
Four Digit NAICS Code: 3118 – Bakeries and Tortilla Manufacturing
Six Digit NAICS Code: 311814 – Commercial Bakeries and Frozen Bakery Product Manufacturing
Number of Full-Time Employees: 150
UTM Spatial Co-ordinates: X(E): 611347; Y(N): 4833155; (-79.61944, 43.64306)

Public Contact at Facility

Name: Mr. Andres Villalobos
Position: H&S Coordinator
Address: 1700 Aimco Boulevard, Mississauga, ON
Office Phone Number: 905-602-6102

Facility Description

Furlani's Food Corporation manufactures bread and bread sticks at the Mississauga facility. During the manufacturing process, ethyl alcohol is produced from the action of yeast during the proofing process. Ethyl alcohol is released from the bread products during the baking process. Particulate Matter less than 2.5 microns (PM_{2.5}) is released from combustion, from cooling towers and from the baghouses of flour silos.

Substance Information

Ethyl alcohol (CAS number 64-17-5) is generated and released from the Furlani's facility during the production and baking of bread products. Production quantities increased and accordingly ethyl alcohol creation and releases also increased.

Substance Accounting Details – Ethyl Alcohol (CAS Number 64-17-5)

Process Type	2019 (tonnes/a)	2018 (tonnes/a)	Change (%)
Enters (total)	0	0	0
Created	10 to 100	10 to 100	38.2
In/on Product	0	0	0
Released, as Air Emissions	10 to 100	10 to 100	38.3
Released on-site to land	0	0	0
Released to water	0	0	0
Released, Transferred for Recycling	0	0	0
Released to Disposal	0	0	0

Substance Accounting Details – Particulate Matter less than 2.5 microns (PM_{2.5})

Process Type	2019 (tonnes/a)	2018 (tonnes/a)	Change (%)
Enters (total)	0	0	0
Created	0 to 1	0 to 1	0
In/on Product	0	0	0
Released, as Air Emissions	0 to 1	0 to 1	0
Released on-site to land	0	0	0
Released to water	0	0	0
Released, Transferred for Recycling	0	0	0
Released to Disposal	0	0	0

Reduction Plan Objectives and Targets:

The Toxic Reduction Plan will guide Furlani's in investigating methods to reduce the unit amount of ethanol generated in the production process. As this compound is presently a key component generated during the production process, its elimination is not a viable option. Furlani's intends on increasing product yields and minimizing by-product scrap from their production operations, where practical.

The Toxic Reduction Plan will also guide Furlani's in investigating methods to reduce the unit amount of PM_{2.5} generated and released during the production process and from ancillary processes.

Reduction Options Under Consideration for Implementation:

Ongoing Best Operating Practices such as monitoring the yeast addition rate will continue to be practiced.

Steps to Implement Options

Annual P2 review meetings and annual Best Operating Practices refresher courses will be conducted for continued improvement.

Additional Actions and Their Impact on Substance Use, Creation and Discharge:

No additional actions have been implemented to reduce the creation of ethyl alcohol and particulate matter.

Amendments or Changes to Toxic Reduction Plans During Report Period:

No changes or amendments have been made to the toxic reduction plan during the report period.

Copy of Certification:

As of Date, I, Jonathan Kawaja, certify that I have read the report on the toxic substance reduction plan for the toxic substance referred to below and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and complies with the Toxics Reduction Act 2009 and Ontario Regulation 455/09 (General) made under that Act.

Ethyl Alcohol
Particulate Matter Less than 2.5 micron (PM_{2.5})

Original was signed

July 30, 2020

Highest Ranking Employee
Furlani's Food Corporation.

Date