

### Reporting Year 2020 FCA Canada Inc. Etobicoke Casting Plant



### RY2020 Annual Public Report [O. Reg. 455/09] Etobicoke Casting Plant

#### **Environmental Reporting:**

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O. Reg. 455/09 is a regulation promulgated in Ontario in 2009 and applies specifically to facilities and products made in Ontario.

Regulation 455 requires facilities to report on the use and creation of substances of concern. Currently the substances of concern under Ontario regulation are identical to the NPRI list. In addition to substance use and creation, NPRI releases, disposals and transfers are reported along with the amount of the substance contained in product.

Vehicles are made by all manufacturers in a similar manner globally. All vehicles sold in Canada must meet the same consumer performance expectations for the Canadian market as well as export markets where they may be sold. To meet these expectations, many of the substances listed in Regulation 455 as "substances of concern" are utilized in the manufacture of all vehicles, including those assembled elsewhere and imported to Ontario for sale.



### Ontario Regulation 455/09, Section 27 Public Report for ETOBICOKE CASTING PLANT

Date: October 19,

2021

#### Facility Identification and Information

NPRI Identification Number: 0199

Ontario Regulation 127/01 ID: 7201

Name of Parent Company/Owner/Operator: FCA USA LLC
Address: 800 Chrysler Drive

Auburn Hills, MI 48326

Percent Ownership: 100

Facility Name: ETOBICOKE CASTING PLANT

Address: 15 Brown's Line

Toronto, ON M8W 3S3

 Number of Employees:
 200 - 250

 NAICS Code:
 331523

Public Contact: Josh Orentlicher

Title: EHS Lead, Canadian Operations

Telephone Number: 416-805-8227

Facility Location

Latitude: 43° 35' 38" Longitude: 79° 32' 20"



#### **ONTARIO REGULATION 455/09**

### RY2020 Annual Report Certification Statement Facility: Etobicoke Casting Plant

Name: Jeff Langlet

Position: Plant Manager

Signature: /s/ Jeff Langlet

As of October 19, 2020, I certify that I have read the reports on the toxic substance inventories for:

- Zinc (and it's compounds) (NA-14)
- Copper (and it's compounds) (NA-06)
- PM10 Particulate Matter <= 10 Microns (NA-M09)</li>
- PM2.5 Particulate Matter <= 2.5 Microns (NA-M10)</li>

and am familiar with their contents and to my knowledge the information contained in the reports is factually accurate and the reports comply with the *Toxics Reduction Act*, 2009 and Ontario Regulation 455/09 (General) made under the Act.



### RY2020 Annual Public Report [O. Reg. 455/09] Etobicoke Casting Plant

Substance		Usage			Created			Conta	ined in Pr	oduct	F	Release	S	ı	Disposa	I	Tra			
CAS/ Category	Name	Reporting Year	Tonnage Change	% Change	Reporting Year	Tonnage Change	% Change	Reporting Year	Tonnage Change	% Change	Reporting Year	Tonnage Change	% Change		Tonnage Change	% Change	Reporting Year	Tonna ge Chang e	% Change	Reasons for Change
007440508	Copper	>10 to 1 00	-90	-77.6%	NA	NA	NA	>10 to 100	-40	-72.2%	>0 to 1	0	-17.9%	>0 to 1	0	-86.7%	>10 to 100	-49	-80.7%	Decrease in production levels.
007440666	Zinc	>10 to 1 00	-56	-68.3%	NA	NA	NA	>10 to 100	-24	-60.6%	>0 to 1	0	-18.0%	>0 to 1	0	-86.7%	>10 to 100	-34	-80.7%	Decrease in production levels.
NA -M09	PM10- Particulate Matter <= 10 Microns	NA	NA	NA	>1 to 10	-3.02	-56.0%	NA	NA	NA	>1 to 10	-1	-20.5%	NA	NA	NA	NA	NA	NA	Decrease in production levels.
NA - M10	PM2.5- Particulate Matter <= 2.5 Microns	NA	NA	NA	>1 to 10	-0.37	-18.4%	NA	NA	NA	>1 to 10	-2	-53.4%	NA	NA	NA	NA	NA	NA	Decrease in production levels.



### 2020 FCA Canada Inc. Windsor Assembly Plant

[ANNUAL PUBLIC REPORT UNDER O. REG. 455/09]



#### **Environmental Reporting:**

The National Pollution Release Inventory (NPRI) is Canada's legislated, publicly accessible inventory of releases (to air, water and land), disposals and transfer for recycling that are associated with industrial activity. Over 8,000 facilities report to the NPRI on more than 300 listed substances. FCA Canada Inc. has been reporting in accordance with the Federal NPRI regulations since its inception in 1992.

O. Reg. 455/09 is a regulation promulgated in Ontario in 2009 and applies specifically to facilities and products made in Ontario.

The Regulation 455/09 requires facilities to report on the use and creation of substances of concern. Currently the substances of concern under Ontario Regulation are identical to the NPRI list. In addition to substance use and creation, NPRI releases, disposals and transfers are reported along with the amount of the substance contained in product.

Vehicles are made by all manufacturers in a similar manner globally. All vehicles sold in Canada must meet the same consumer performance expectations for the Canadian market as well as export markets, where they may be sold. To meet these expectations, many of the substances listed in the Regulation 455/09 as "substances of concern" are utilized in the manufacture of all vehicles, including those assembled elsewhere and imported to Ontario for sale.



Ontario Regulation 455/09, Section 27 Public Report for Windsor Assembly Plant

Date: 10/01/2021

#### 1.0 Facility Identification and Information

NPRI Identification Number 3476

Ontario Regulation 127/01 ID: 6930

Name of Parent Company/Owner/Operator:

FCA Canada Inc.

Address:

1 Riverside Drive West

Windsor, ON, N9A 4H6

Percent Ownership:

100%

Facility Name:

Windsor Assembly Plant

Address:

2199 Chrysler Center

Windsor, ON N9A 4H6

Number of Employees:

4581



**ONTARIO REGULATION 455/09** 

**Certification Statement** 

**Annual Report Certification Statement** 

Facility: Windsor Assembly Plant

Name: Jon Desjardins
Position: Plant Manager
Signature: Jon Desjardins

As of September 2, 2021 I certify that I have read the reports on the toxic substance inventories for:

- Ethylbenzene (100-41-4)
- 4,4'-Methylenebisphenyl diisocyanate (101-68-8)
- Ethylene glycol (107-21-1)
- Methyl isobutyl ketone (108-10-1)
- Nitrogen oxides (expressed as NO<sub>2</sub>) (11104-93-1)
- Xylenes (all isomers) N696 (1330-20-7)
- Carbon monoxide (630-08-0)
- Methanol (67-56-1)
- Isopropyl alcohol (67-63-0)
- Sodium nitrite (7632-00-0)
- Sulfuric acid (7664-93-9)
- Nitric acid (7697-37-2)
- 1,2,4-Trimethylbenzene (95-63-6)
- Manganese (and its compounds) (NA-09)
- Nickel (and its compounds (NA-11)
- Zinc Compounds (NA-14)
- Nitrate ion in solution at pH >=6.0 (NA-17)



ONTARIO REGULATION 455/09

Certification Statement
Annual Report Certification Statement (cont'd)

- Phosphorus (Total) (NA-22)
- PM-10 Particulate Matter <=10 microns (NA-M09)
- PM-2.5 Particulate Matter <=2.5 microns (NA-M10)
- Volatile Organic Compounds (VOCs) (NA-M16)
- Isobutyl alcohol (78-83-1)
- Nitric acid (7697-37-2)
- Solvent Naphtha Medium Aliphatic (64742-88-7)
- Aromatic Hydrocarbon Mixture >C9 (64742-95-6)
- Heavy Alkylate Naphtha (64741-65-7)
- Naphtha, Heavy Hydro treated (Petroleum) (64742-48-9)
- Isoparaffinic Petroleum Distillate (64742-47-8)

ı		USA		CREATED			CONTAINED in PRODUCT			RELEASED			l n	ISPOSED		TD	ANSFERR	ED			
		03/	Lload			Created		CONTAIN	Contained			Released									
CAS	Chemical Name	Used Current Year	Change	Used %	Created-Current	Change	Created %		Change	Contained %	Released-	Change		Disposed	Change	Disposed	Transferred	Change	Transferred	Comment Text	
0710			Tonnes	Change	Year	Tonnes	Change		Tonnes	Change	Current Year	Tonnes	Change	Current Year	Tonnes	% Change		Tonnes	% Change	Sommer tox	
0000067-56-1	METHANOL	>100 to 1,000	-54	-29.00%	0	0	NA	>100 to 1,000	-54.44	-29.41%	>0 to 1	-0.14	-24.09%	>0 to 1	0.12	88%	>0 to 1	0.28	61%	Decrease in vehicle production levels	
0000067-63-0	ISOPROPYL ALCOHOL	>10 to 100	5	57.38%	0	0	NA	0	0	NA	>1 to 10	0.28	21.44%	>1 to 10	1.10	141%	>1 to 10	2.80	63%	Changing customer vehicle colour due to market demands.	
0000078-83-1	ISOBUTYL ALCOHOL	>10 to 100	-1	-8.64%	0	0	NA	0	0	NA	>0 to 1	-0.20	-21.43%	>1 to 10	0.60	43%	>1 to 10	0.65	21%	Increased cleaning products used.	
0000095-63-6	1,2,4-TRIMETHYLBENZENE	>10 to 100	1	9.94%	0	0	NA	0	0	NA	>0 to 1	-0.03	-6.64%	>1 to 10	0.95	72%	>1 to 10	0.84	10%	Changing customer vehicle colour due to market demands.	
0000100-41-4	ETHYLBENZENE	>10 to 100	1	9.51%	0	0	NA	0	0	NA	>0 to 1	-0.06	-12.08%	>1 to 10	0.72	72%	>1 to 10	0.63	10%	Changing customer vehicle colour due to market demands.	
0000101-68-8	4,4'-METHYLENEDIPHENYL DIISOCYANATE	>10 to 100	-1	-7.31%	0	0	NA	>1 to 10	-3.77	-68.18%	>0 to 1	0.92	7.60%	>1 to 10	0.88	33%	>0 to 1	0.48	340%	Decrease in vehicle production levels	
0000107-21-1	ETHYLENE GLYCOL	>100 to 1,000	-683	-43.08%	0	0	NA	>100 to 1,000	-681.50	-43.15%	>1 to 10	-0.15	-8.83%	>0 to 1	0.09	50%	>1 to 10	-1.68	-34%	Decrease in vehicle production levels	
0000108-10-1	METHYL ISOBUTYL KETONE	>10 to 100	2	7.73%	0	0	NA	0	0	NA	>1 to 10	-0.04	-2.03%	0	0	NA	>1 to 10	2.72	55%	Changing customer vehicle colour due to market demands.	
0001330-20-7	XYLENES (all Isomers) N696	>10 to 100	4	8.09%	0	0	NA	0	0	NA	>1 to 10	-0.58	-18.64%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
0007632-00-0	SODIUM NITRITE	>10 to 100	-10	-46.23%	0	0	NA	>10 to 100	-9.84	-48.58%	0	0	NA	>1 to 10	-0.31	-16%	0	0	NA	Increased cleaning products used.	
0007664-93-9	SULFURIC ACID	>10 to 100	-12	-48.51%	0	0	NA	>10 to 100	-12.22	-48.51%	>0 to 1	-0.01	-48.41%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
0007697-37-2	NITRIC ACID	>1 to 10	-9	-63.25%	0	0	NA	>1 to 10	5.40	-495.51%	>0 to 1	0.07	587.30%	>0 to 1	-0.53	-48%	>0 to 1	0.00	0%	Decrease in vehicle production levels	
0064741-65-7	HEAVY ALKYLATE NAPHTHA	>10 to 100	-7	-30.28%	0	0	NA	0	0	N/A	>1 to 10	-4.58	-33.51%	>1 to 10	0.20	9%	>0 to 1	-0.22	-76%	Decrease in vehicle production levels	
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	>1 to 10	-1	-31.63%	0	0	NA	0	-0.88	N/A	>1 to 10	-0.35	-13.34%	>0 to 1	0.02	6%	0	0	NA	Decrease in vehicle production levels	
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	>1 to 10	-16	-90.24%	0	0	NA	0	0	NA	>0 to 1	-2.57	-76.86%	>0 to 1	-3.04	-82%	>0 to 1	0.03	11%	Decrease in vehicle production levels	
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	>10 to 100	2	9.75%	0	0	NA	0	0	NA	>0 to 1	-0.05	-6.71%	>1 to 10	1.40	71%	>10 to 100	1.30	10%	Increased cleaning products used.	
0064742-88-7	SOLVENT NAPHTHA MEDIUM ALIPHATIC	>1 to 10	0	-8.75%	0	0	NA	0	0	NA	>1 to 10	-0.34	-13.72%	>0 to 1	0.10	43%	0	0	NA	Increased cleaning products used.	
NA-09	MANGANESE (and its compounds) COMPOUNDS	>10 to 100	-1	-6.34%	0	0	NA	>10 to 100	-1.58	-11.65%	>0 to 1	-0.03	-16.46%	>1 to 10	0.62	47%	0	0	NA	Decrease in vehicle production levels	
NA-11	NICKEL (and its compounds) COMPOUNDS	>1 to 10	-8	-87.58%	0	0	NA	>0 to 1	-7.52	-92.23%	>0 to 1	0.00	-16.46%	>0 to 1	-0.65	-81%	0	0	NA	Decrease in vehicle production levels	
NA-14	ZINC COMPOUNDS	>10 to 100	-14	-26.23%	0	0	NA	>10 to 100	-15.38	-34.48%	>0 to 1	0.00	-16.77%	>1 to 10	0.56	8%	>1 to 10	1.14	429%	Increased cleaning products used.	
NA-17	NITRATE ION in Solution at pH>=6.0	>10 to 100	-19	-60.63%	0	0	NA	>10 to 100	1.90	18.95%	>0 to 1	0.00	-33.91%	>0 to 1	-0.35	-36%	>0 to 1	0.00	N/A	Decrease in vehicle production levels	
NA-22	PHOSPHORUS (Total)	>10 to 100	34	33.29%	0	0	NA	>10 to 100	-50.42	-56.73%	>0 to 1	-0.03	-87.61%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
0000630-08-0	CARBON MONOXIDE	0	0	NA	>10 to 100	-7	-16.45%	0	0	NA	>10 to 100	-7	-16.45%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
11104-93-1	NITROGEN OXIDES (Expressed as NO2)	0	0	NA	>10 to 100	-9	-16.45%	0	0	NA	>10 to 100	-9	-16.45%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
NA-M09	PM-10 (TOTAL)	0	0	NA	>100 to 1,000	-516	-46.41%	>100 to 1,000	-478.54	-54.36%	>10 to 100	-65	-84.53%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
NA-M10	PM-2.5 (TOTAL)	0	0	NA	>100 to 1,000	-506	-47.65%	>100 to 1,000	-468.65	-55.99%	>10 to 100	-65	-84.67%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
NA-M16	voc	>1,000 to 10,000	-1008	-35.47%	0	0	NA	>1,000 to 10,000	-879.04	-40.76%	>100 to 1,000	-16.07	-11.75%	0	0	NA	0	0	NA	Decrease in vehicle production levels	



### 2020 FCA Canada Inc. Brampton Assembly Plant

[ANNUAL PUBLIC REPORT UNDER O. REG. 455/09]



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Ontario Regulation 455/09, Section 27

Public Report For BRAMPTON ASSEMBLY PLANT

Date: 7/25/2020

1.0 Facility Identification and Information NPRI Identification Number:	<b>4</b> 173
Ontario Regulation 127/01 ID:	7,203
Name of Parent Company/Owner/Operator: Address: Percent ownership:	FCA Canada Inc 1 Riverside Drive West Windsor, ON N9A 4H6 ¶100%
Facility Name: Address:	BRAMPTON ASSEMBLY PLANT 2000 Williams Parkway Brampton, ON L6S 6B3
Number of Employees:	3,300
NAICS Code:	<b>5</b> 336110
Public Contact: Title: Telephone Number:	Josh Orentlicher EHS Lead, Canadian Operations 416-805-8227
Facility Location Latitude: Longitude:	43° 45' 10" 79° 42' 50"



**ONTARIO REGULATION 455/09** 

**Certification Statement** 

**Annual Report Certification Statement** 

Facility: Brampton Assembly Plant

Name: Alex Pittas

Position: Plant Manager Signature: /s/ Alex Pittas

As of August 13, 2021 I certify that I have read the reports on the toxic substance

inventories for:

- 1,2,4Trimethylbenzene (95-63-6)
- 2-Butoxyethanol (111-76-2)
- · Butyl acetate; all isomers (NA 41)
- Carbon monoxide (630-08-0)
- Copper; and its compounds (NA 06)
- Diethylene glycol butyl ether (112-34-5)
- Dlimonene (5989-27-5)
- Ethylbenzene (100-41-4)
- Ethylene glycol (107-21-1)
- Heavy aromatic solvent naphtha (64742-94-5)
- Hydrotreated heavy naphtha (64742-48-9)
- Hydrotreated light distillate (64742-47-8)
- i-Butyl Alcohol (78-83-1)
- Isopropyl alcohol (67-63-0)
- Light aromatic solvent naphtha (64742-95-6)
- Methanol (67-56-1)



#### ONTARIO REGULATION 455/09

#### **Certification Statement**

#### Annual Report Certification Statement (cont'd)

- Methyl isobutyl ketone (108-10-1)
- Methylenebis(phenylisocyanate) (101-68-8)
- N-Butyl Acetate (123-86-4)
- N-Butyl Alcohol (71-36-3)
- Nitrate ion in solution at pH >= 6.0 (NA-17)
- Nitric acid (7697-37-2)
- Nitrogen oxides; expressed as NO2 (11104-93-1)
- N-methyl-2-pyrrolidone (872-50-4)
- Other glycol ethers and acetates; and their isomers (NA-45)
- Phosphorus; total (NA-22)
- PM10 Particulate Matter <= 10 Microns (NA-M09)</li>
- PM2.5 Particulate Matter <= 2.5 Microns (NA-M10)</li>
- Polymeric diphenylmethane diisocyanate (9016-87-9)
- Propyl acetate; all isomers (NA-43)
- Sodium nitrite (7632-00-0)
- Solvent naphtha light aliphatic (64742-89-8)
- Sulphuric acid (7664-93-9)
- Tetrahydrofuran (109-99-9)
- Toluene (108-88-3)
- Total Particulate Matter (NA-M08)
- Trimethylbenzene; all isomers excluding 1,2,4Trimethylbenzene (25551-13-7)
- Xylene; all isomers (1330-20-7)



		USAGE			CREATED			CONTAINED in PRODUCT			RELEASES			DISPOSED			T	RANSFERS	8		
			Used	Used %	C reated-	Created	Created %		Contained	Contained %	Released-	Released	Released %	Disposed	Disposed	Disposed		Transferred	Transferred		
CAS	Chemical Name	Used Current Year	Change	Change	Current	Change	Change	Contained	Change	Change	Current Year	Change	Change	Current Year	Change	% Change	Transferred	Change	% Change	Comment Text	
			Tonnes	Officialigo	Year	Tonnes	Officings		Tonnes	Officings	Ourient real	Tonnes	Officingo	Outlette Foat	Tonnes	70 Officings		Tonnes	70 Officings		
0000067-56-1	METHANOL	>100 to 1,000	-3	-2.63%	0	0	NA	>100 to 1,000	-3	-2.56%	>0 to 1	0	44.05%	>0 to 1	0	-4%	>0 to 1	0	-12%	Changing customer vehicle colour due to market demands.	
0000067-63-0	ISOPROPYL ALCOHOL	>10 to 100	-7	-20.53%	0	0	NA	0	0	NA	>1 to 10	-6	-23.92%	>1 to 10	0	7%	>1 to 10	5	132%		
0000071-36-3	N-BUTYL ALCOHOL	>10 to 100	-14	-18.93%	0	0	NA	0	0	NA	>10 to 100	-9	-21.57%	>10 to 100	-2	-11%	>1 to 10	1	30%	Decrease in vehicle production levels	
0000078-83-1	ISOBUTYL ALCOHOL	>10 to 100	-4	-14.74%	0	0	NA	0	0	NA	>10 to 100	-3	-16.27%	>1 to 10	0	-4%	>1 to 10	0	12%		
0000095-63-6	1,2,4-TRIMETHYLBENZENE	>10 to 100	-11	-19.82%	0	0	NA	0	0	NA	>10 to 100	-6	-19.87%	>1 to 10	0	-6%	>1 to 10	0	3%	Changing customer vehicle colour due to market demands.	
0000100-41-4	ETHYLBENZENE	>10 to 100	-1	-10.68%	0	0	NA	0	0	NA	>1 to 10	1	15.21%	>0 to 1	0	-12%	>1 to 10	-2	-41%	Decrease in vehicle production levels. Increased cleaning products used.	
0000101-68-8	4,4'-METHYLENEDIPHENYL DIISOCYANATE	>10 to 100	-21	-21.12%	0	0	NA	>10 to 100	-21	-21.12%	>0 to 1	0	-3.91%	>0 to 1	0	NA	0	0	NA	Decrease in vehicle production levels	
0000107-21-1	ETHYLENE GLYCOL	>1,000 to 10,000	118	9.32%	0	0	NA	>1,000 to 10,000	118	9.34%	>0 to 1	0	-1.75%	>0 to 1	0	11%	0	0	NA	Material reformulation	
0000108-10-1	METHYL ISOBUTYL KETONE	>10 to 100	4	19.87%	0	0	NA	0	0	NA	>10 to 100	3	30.58%	>0 to 1	0	0	>1 to 10	0	-12%	Changing austrance, which colour due to module demands	
0000108-88-3	TOLUENE	>1 to 10	0	-10.10%	0	0	NA	0	0	NA	>1 to 10	0	8.62%	0	0	NA	>0 to 1	0	-41%	Changing customer vehicle colour due to market demands.	
0000109-99-9	TETRAHYDRO-FURAN	>0 to 1	0	-29.43%	0	0	NA	0	0	NA	>0 to 1	0	-34.85%	>0 to 1	0	-17%	>0 to 1	0	NA		
0000111-76-2	ETHYLENE GLYCOL MONOBUTYL ETHER	>10 to 100	-35	-31.25%	0	0	NA	0	0	NA	>10 to 100	-9	-15.43%	>1 to 10	-5	-46%	>0 to 1	0	89%		
0000872-50-4	N-METHYL-2-PYRROLIDONE	>10 to 100	-5	-19.69%	0	0	NA	>1 to 10	0	-23.17%	>1 to 10	-3	-25.34%	>1 to 10	0	-5%	0	0	NA	Book to the last of the last	
0001330-20-7	XYLENE	>10 to 100	-7	-13.69%	0	0	NA	0	0	NA	>10 to 100	2	6.32%	>0 to 1	0	-31%	>10 to 100	-10	-44%	Decrease in vehicle production levels	
0005989-27-5	D-LIMONENE	>0 to 1	0	-5.17%	0	0	NA	0	0	NA	>0 to 1	0	-34.88%	>0 to 1	0	-77%	>0 to 1	0	NA		
0007632-00-0	SODIUM NITRITE	>10 to 100	-3	-20.99%	0	0	NA	>10 to 100	-1	-9.66%	0	0	NA	>0 to 1	-350	-77.60	0	0	NA		
0007664-93-9	SULFURIC ACID	>1 to 10	-45	-84.38%	0	0	NA	>1 to 10	-42	-83.46%	>0 to 1	0	-59.68%	>0 to 1	-3	-100%	0	0	NA	More efficient use of materials	
0007697-37-2	NITRIC ACID	>1 to 10	-2	-26.10%	0	0	NA	>1 to 10	1	30.76%	>0 to 1	0	135.73%	>0 to 1	0	-31%	0	0	NA	Decrease in vehicle production levels. Increased cleaning products used.	
0009016-87-9	POLYMETHYLENE POLYPHENYL ISOCYANATE	>100 to 1,000	-44	-21.08%	0	0	NA	>100 to 1,000	-45	-21.57%	>0 to 1	0	-4.53%	>0 to 1	0	NA	0	0	NA	Decrease in vehicle production levels	
0064742-47-8	ISOPARAFFINIC PETROLEUM DISTILLATE	>1 to 10	0	-0.79%	0	0	NA	0	0	NA	>1 to 10	0	-8.51%	0	0	NA	0	0	NA	No significant change (i.e. <10%)	
0064742-48-9	NAPHTHA, HEAVY HYDROTREATED (PETROLEUM)	>10 to 100	-12	-24.61%	0	0	NA	0	0	NA	>10 to 100	-8	-30.56%	>10 to 100	-1	-11%	0	0	NA	Decrease in vehicle production levels	
0064742-89-8	ALIPHATIC, LIGHT HYDROCARBON SOLVENT	>0 to 1	0	6.31%	0	0	NA	0	0	NA	>0 to 1	0	6.31%	0	0	NA	0	0	NA	No significant change (i.e. <10%)	
0064742-94-5	AROMATIC HYDROCARBON MIXTURE >C9	>10 to 100	-7	-22.89%	0	0	NA	0	0	NA	>10 to 100	-5	-25.02%	>1 to 10	0	-6%	0	0	NA		
0064742-95-6	AROMATIC HYDROCARBON MIXTURE >C9	>10 to 100	-17	-20.68%	0	0	NA	0	0	NA	>10 to 100	-10	-21.27%	>10 to 100	-1	-8%	0	0	NA	Decrease in vehicle production levels	
25551-13-7	TRIMETHYLBENZENE ISOMERS WITHOUT 95-63-6	>1 to 10	-2	-14.09%	0	0	NA	0	0	NA	>1 to 10	-2	-29.70%	0	0	NA	0	0	NA		
NA-06	COPPER COMPOUNDS	>10 to 100	9	102.98%	0	0	NA	>10 to 100	9	107.44%	>0 to 1	0	144.97%	>0 to 1	0	NA	>0 to 1	0	NA	Material reformulation	
NA-14	ZINC COMPOUNDS	>10 to 100	2	4.15%	0	0	NA	>10 to 100	2	7.80%	>0 to 1	0	159.09%	>1 to 10	0	-3%	>0 to 1	0	NA	No significant change (i.e. <10%)	
NA-17	NITRATE COMPOUNDS	>10 to 100	-3	-19.13%	0	0	NA	>1 to 10	0	-8.85%	>0 to 1	-10	-98.06	>0 to 1	0	-14%	0	0	NA	December in controls are distinct to the	
NA-22	PHOSPHORUS COMPOUNDS	>10 to 100	-8	-13.50%	0	0	NA	>10 to 100	-6	-13.05%	0	0	NA	>10 to 100	-2	-17%	>0 to 1	0	NA	Decrease in vehicle production levels	
NA-41	Butyl acetate (all isomers) Except CAS (540-88-5)	>10 to 100	-6	-16.31%	0	0	NA	0	0	NA	>10 to 100	-1	-4.35%	0	0	NA	0	0	NA		
NA-43	Propyl acetate (all isomers)	>1 to 10	-1	-14.75%	0	0	NA	0	0	NA	>1 to 10	0	8.57%	0	0	NA	0	0	NA	Changing customer vehicle colour due to market demands.	
NA-45	NPRI Other Glycol Ethers and Acetates (isomers)	>10 to 100	-1	-2.50%	0	0	NA	>1 to 10	1	15.14%	>10 to 100	-2	-12.68%	0	0	NA	0	0	NA	No significant change (i.e. <10%)	
0000630-08-0	co	0	0	NA	>10 to 100	-6	-12.27%	0	0	NA	>10 to 100	-6	-12.29%	0	0	NA	0	0	NA	Decrease in vehicle production levels	
11104-93-1	NOX	0	0	NA	>10 to 100	-10	-16.69%	0	0	NA	>10 to 100	-10	-16.69%	0	0	NA	0	0	NA		
NA-M09	PM-10 (TOTAL)	0	0	NA	>1 to 10	1	12.08%	0	0	NA	>1 to 10	1	12.08%	0	0	NA	0	0	NA	Revision to criteria air contaminant assumptions.	
NA-M10	PM-2.5 (TOTAL)	0	0	NA	>1 to 10	0	4.78%	0	0	NA	>1 to 10	0	4.78%	0	0	NA	0	0	NA	rvevision io cinena air contaminant assumptions.	
NA-M16	voc	>1,000 to 10,000	-38	-1.06%	0	0	NA	>1,000 to 10,000	133	8.61%	>100 to 1,000	-101	-22.00%	0	0	NA	0	0	NA	No significant change (i.e. <10%)	