

2014 Annual Public Report Under O. Reg. 455/09

Honda of Canada Manufacturing

Alliston, Ontario

May 29, 2015

Honda of Canada Mfg. Facility Data

Facility NPR ID	397
O. Reg. 127/01 ID	6172
Facility Owner/Operator	Honda of Canada Mfg.
	4700 Industrial Rd.
	P.O. Box 5000
	Alliston, Ontario
	L9R 1A2
Full Time Employees	4200
NAICS Code	3361
NAICs Canada Code	336110
Facility Public Contact	Maureen Ramsay
	Facilities Department/Environmental Group
	(705) 435-5561 ext 2394
Highest Ranking Employee	Dan Smith
	President
	(705) 435-5561
Facility UTM Coordinates	44.1470,-79.847
Canadian Parent Company	Honda Canada Inc.
	180 Honda Blvd.
	Markham, Ontario
	L6C 0H9

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar Year is as follows.

Name (CAS RN)	Ethylbenzene (100-41-4)	Ethylene glycol (107-21-1)	Methyl isobutyl ketone (108-10-1)	Propylene glycol monomethyl ether acetate (108-65-6)	Toluene (108-88-3)
Enters Process	100-1000	>1000	1-10	10-100	10-100
Change from 2013	5.358	-63.878	-0.212	-5.620	0.450
% Change	4.1	-4.3	-2.4	-12.4	4.1
Reason				Normal production mix variation	
Created	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason	N/A	N/A	N/A	N/A	N/A
Contained in Product	0	1000-10000	0	0	0
Change from 2013	0	-62.154	0	0	0
% Change	N/A	-4.2	N/A	N/A	N/A
Reason	N/A		N/A	N/A	
Released	43.718	0.011	5.102	30.656	8.771
Change from 2013	9.023	-.322	0.972	-4.124	6.734
% Change	26.0	-96.7	23.6	-11.9	330.6
Disposed	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	83.735	0.002	0.518	3.053	1.341
Change from 2013	-3.564	-1.403	-2.422	0.055	-6.089
% Change	-4.1	99.8	-82.4	1.8	-82.0
Reason (Release/Dispose/Transfer)	Spent purge solvent composition change	Component formulation change	Spent purge solvent composition change		Spent purge solvent composition change
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

All units in metric tonnes

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar Year (continued).

Name (CAS RN)	2-butoxy ethanol (111-76-2)	Ethylene glycol butyl ether acetate (112-07-2)	Diethylene glycol hexyl ether (112-15-2)	Diethylene glycol butyl ether (112-34-5)	N-Butyl acetate (123-86-4)
Enters Process	10-100	10-100	10-100	1-10	10-100
Change from 2013	0.778	0.193	-3.900	3.538	0.341
% Change	1.8	1.2	-16.3	83.6	0.4
Reason			Normal production mix variation	New clear coat, more cleaner used	
Created	1-10	0	0	10-100	0
Change from 2013	4.687	0	0	-4.695	0
% Change	122.3	N/A	N/A	-6.0	N/A
Reason	Raw material change				
Contained in Product	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	10.294	11.151	13.968	9.304	56.821
Change from 2013	-27.710	0.275	-3.341	0.548	11.004
% Change	-72.9	2.5	-19.3	6.3	24.0
Disposed	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	16.371	0.916	0.982	0.488	10.765
Change from 2013	14.831	-0.257	-0.834	-0.001	-9.015
% Change	963.1	-21.9	-45.9	-0.2	-45.6
Reason (Release/ Dispose/Transfer)	Increased use of paint line cleaner	Spent purge solvent composition change	Spent purge solvent composition change	Increased solvent recovery	Spent purge solvent composition change
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar (continued).

Name (CAS RN)	Xylene (1330-20-7)	Ethyl acetate (141-78-6)	Formaldehyde (50-00-0)	Propylene glycol butyl ether (5131-66-8)	Hydrotreated light distillate (64742-47-8)
Enters Process	100-1000	10-100	1-10	10-100	1-10
Change from 2013	31.158	-4.042	-0.006	4.326	-12.512
% Change	4.0	-8.6	-0.4	14.7	-63.9
Reason				E-coat change in 2013	Raw material formulation change
Created	0	0	<1	<1	0
Change from 2013	0	0	0.031	0.307	0
% Change	N/A	N/A	39.2	1414.7	N/A
Reason				E-coat change in 2013	
Contained in Product	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	262.610	18.023	1.244	19.832	6.579
Change from 2013	-42.181	4.356	0.001	-4.019	2.332
% Change	-13.8	31.9	0.1	-16.9	54.9
Disposed	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	524.847	22.155	0.074	1.304	0.486
Change from 2013	73.810	-4.413	0.074	0.804	0.125
% Change	16.4	-16.6	100.0	161.0	34.5
Reason (Release/ Dispose/Transfer)	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar Year (continued).

Name (CAS RN)	Hydrotreated heavy naphtha (64742-48-9)	Solvent naphtha medium aliphatic (64742-88-7)	Heavy aromatic solvent naphtha (64742-94-5)	Light aromatic solvent naphtha (64742-95-6)	Methanol (67-56-1)
Enters Process	10-100	1-10	10-100	10-100	10-100
Change from 2013	10.938	-4.327	14.155	-7.155	6.138
% Change	24.0	-35.9	73.8	-7.6	7.1
Reason	Change in material composition	Change in material composition	Change in paint composition		
Created	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Contained in Product	0	0	0	0	10-100
Change from 2013	0	0	0	0	-1.372
% Change	N/A	N/A	N/A	N/A	-2.0
Reason					
Released	9.842	6.785	23.030	58.279	8.629
Change from 2013	-3.138	-3.062	12.189	11.243	-0.348
% Change	-24.2	-31.3	112.4	23.9	-3.9
Disposed	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	3.738	0.771	9.187	12.018	5.886
Change from 2013	2.559	-0.548	0.660	-15.852	1.595
% Change	217.1	-41.6	7.2	-56.9	37.2
Reason (Release/ Dispose/Transfer)	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar Year (continued).

Name (CAS RN)	Isopropyl alcohol (67-63-0)	n-Butyl alcohol (71-36-3)	Sodium nitrite (7632-00-0)	Hydrochloric Acid (7647-01-0)	Nitric Acid (7697-37-2)
Enters Process	10-100	10-100	10-100	10-100	10-100
Change from 2013	-10.037	-1.827	-2.919	-7.222	-9.491
% Change	-48.8	-3.5	-11.4	-34.1	-27.9
Reason	Normal production mix variation		Material composition change	Updated MSDS information	Timing of maintenance activity
Created	1-10	0	0	0	0
Change from 2013	8.247	0	0	0	0
% Change	100	N/A	N/A	N/A	N/A
Reason	Formulation change				
Contained in Product	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	10.549	34.801	0	0	0
Change from 2013	-4.529	5.288	0	0	0
% Change	-30.0	17.9	N/A	N/A	N/A
Disposed	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	6.719	3.844	0	0	0
Change from 2013	4.408	-6.171	0	0	0
% Change	190.7	-61.6	N/A	N/A	N/A
Reason (Release/Dispose/Transfer)	Change in assumptions regarding waste	Spent purge solvent composition change			
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar Year (continued).

Name (CAS RN)	Isobutanol (78-83-1)	Methyl ethyl ketone (78-93-3)	VM&P naphtha (8032-32-4)	Stoddard solvent (8052-41-3)	N-Methyl-2-pyrrolidone (872-50-4)
Enters Process	10-100	10-100	1-10	10-100	10-100
Change from 2013	-0.599	2.548	-1.456	-11.073	N/A
% Change	-3.8	17.8	-24.2	-71.4	N/A
Reason		Increased purge solvent use	Normal production mix variation		Reportable due to increase in paint line cleaner
Created	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Contained in Product	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	10.543	7.301	3.237	3.846	2.417
Change from 2013	1.479	6.798	-0.195	-10.964	N/A
% Change	16.3	1351.5	-5.7	-74.0	N/A
Disposed	0	0	0	0	0
Change from 2013	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	1.175	9.488	0.331	0.477	13.906
Change from 2013	-1.727	-5.034	-0.809	0.254	N/A
% Change	-59.5	-34.7	-71.0	114.3	N/A
Reason (Release/Dispose/Transfer)	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change	Spent purge solvent composition change	
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar Year (continued).

Name (CAS RN)	1,2,4-Trimethyl benzene (95-63-6)	Trimethyl benzene isomers (exclude 95-63-6)	Heptane Isomers (**)	Nitrate Ion (**)	Total Phosphorus (**)
Enters Process	10-100	10-100	1-10	0	10-100
Change from 2013	-2.433	0.527	-3.974	0	-16.514
% Change	-5.1	5.3	-35.2	N/A	-33.7
Reason			New paint plus normal production variation		Processing material change
Created	0	0	0	10-100	0
Change from 2013	0	0	0	19.166	0
% Change	N/A	N/A	N/A	62.8	N/A
Reason				Included raw materials previously omitted	
Contained in Product	0	0	0	0	10-100
Change from 2013	0	0	0	0	-10.274
% Change	N/A	N/A	N/A	N/A	-67.4
Reason					Calculation method has large inherent error
Released	28.941	6.815	5.195	0	0
Change from 2013	0.667	0.082	--2.897	0	0
% Change	2.4	1.2	-35.8	0	N/A
Disposed	0	0	0	49.661	0.032
Change from 2013	0	0	0	19.166	-0.004
% Change	N/A	N/A	N/A	62.9	-11.1
Transferred	6.771	1.349	0.424	0.005	27.438
Change from 2013	-2.019	0.402	-0.375	0	-6.236
% Change	-23.0	42.4	-46.9	0	-18.5
Reason (Release/ Dispose/Transfer)	Spent purge solvent composition change	Spent purge solvent composition change	Raw material changes	Calculation correction	Calculation method has large inherent error
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

Accounting information for all substances meeting the reporting threshold for the 2014 Calendar Year (continued)

Name (CAS RN)	Zinc (**)	Nitrogen oxides (as NO2) (**)	PM10 (PM <= 10 microns) (**)	PM2.5 (PM <=2.5 microns) (**)	Carbon monoxide (630-08-0)
Enters Process	>1000	0	0	0	0
Change from 2013	-72.957	0	0	0	0
% Change	-3.0	N/A	N/A	N/A	N/A
Reason					
Created	0	10-100	1-10	1-10	10-100
Change from 2013	0	0.164	-0.905	0.163	0.801
% Change	N/A	0.3	10.7	3.3	1.9
Reason			Combustion gas emission factor corrected		
Contained in Product	>1000	0	0	0	0
Change from 2013	-98.904	0	0	0	0
% Change	-4.0	N/A	N/A	N/A	N/A
Reason					
Released	0.133	52.601	7.552	5.054	42.338
Change from 2013	0.095	0.164	-0.905	0.163	0.801
% Change	250.0	0.3	-10.7	3.3	1.9
Disposed	0.050	0	0	0	0
Change from 2013	-0.004	0	0	0	0
% Change	-7.4	N/A	N/A	N/A	N/A
Transferred	26.641	0	0	0	0
Change from 2013	0.838	0	0	0	0
% Change	3.2	N/A	N/A	N/A	N/A
Reason (Release/ Dispose/Transfer)	Included air emissions from die casting		Combustion gas emission factor corrected		
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2014. All values are in tonnes. Reason for change is documented if change is >10%.				

Certification Statement

As of May 28, 2015, I certify that I have read the reports on the toxic substance reduction plans for the substances listed above 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.

signature on file

Dan Smith, President,
Honda of Canada Mfg.