2013 Annual Public Report Under O. Reg. 455/09

Honda of Canada Manufacturing

Alliston, Ontario

May 23, 2014

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 2013 Calendar Year is as follows.

Name (CAS RN)	Ethylbenzene (100-41-4)	Bis(2-ethylhexyl) adipate (103-22-1)	Ethylene glycol (107-21-1)	Methyl isobutyl ketone (108-10-1)	Propylene glycol monomethyl ether acetate (108-65-6)
Enters Process	100-1000	100-1000	>1000	1-10	10-100
Change from 2012	-20.325	0.194	141.303	-2.401	-6.574
% Change	-13.7	1.5	10.4	-21.5	-12.6
Reason	New technology	N/R	Product specification change	Normal production mix variation	New technology
Created	0	0	0	0	0
Change from 2012	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	100-1000	1000-10000	0	0
Change from 2012	0	0.309	142.973	0	0
% Change	N/A	2.4	10.5	N/A	N/A
Reason	N/A	N/R	Product specification change	N/A	N/A
Released	34.695	0	0.333	4.129	34.780
Change from 2012	-9.006	0	-.312	-3.132	-8.252
% Change	-20.6	N/A	-48.4	-39.9	-19.2
Disposed	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	87.299	0	1.405	2.940	2.998
Change from 2012	-12.248	0	.378	-0.587	2.884
% Change	-12.3	N/A	36.8	-39.4	2500
Reason (Release/ Dispose/Transfer)	New technology		Component formulation change	Normal production mix variation	New technology, waste allocation
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2013. 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 2013 Calendar Year (continued).

Name (CAS RN)	Toluene (108-88-3)	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)
Enters Process	10-100	10-100	10-100	10-100	1-10
Change from 2012	-2.02	-5.968	-0.995	0.248	4.116
% Change	-15.6	-12.4	-5.8	1.0	3500
Reason	New technology	Normal production mix variation			Reporting error 2012
Created	0	1-10	0	0	10-100
Change from 2012	0	3.285	0	0	-3.105
% Change	N/A	600.0	N/A	N/A	-3.8
Reason		Raw material change			
Contained in Product	0	0	0	0	0
Change from 2012	0	0	0	N/A	N/A
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	2.037	42.182	10.876	10.876	8.756
Change from 2012	-4.913	-5.420	-1.685	-1.685	3.993
% Change	-70.7	-11.4	-13.4	-13.4	165.8
Disposed	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	7.430	1.540	1.173	1.816	0.490
Change from 2012	3.165	0.047	0.382	0	0.420
% Change	74.2	3.2	207.0	100	600
Reason (Release/ Dispose/Transfer)	More toluene in spent purge solvent		More of substance in spent purge solvent	More of substance in spent purge solvent	More line cleaner used
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2013. 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 2013 Calendar (continued).

Name (CAS RN)	N-Butyl acetate (123-86-4)	Xylene (1330-20-7)	Ethyl acetate (141-78-6)	Formaldehyde (50-00-0)	Propylene glycol butyl ether (5131-66-8)
Enters Process	10-100	100-1000	10-100	1-10	10-100
Change from 2012	-22.258	-28.472	-23.568	N/A	6.655
% Change	-22.1	-3.5	-63.3	N/A	28.9
Reason	New technology		Lower product usage	Did not meet reporting threshold in 2012	Raw material formulation change
Created	0	0	0	<1	<1
Change from 2012	0	0	0	0.001	-22.815
% Change	N/A	N/A	N/A	1.3	-99.1
Reason				Production increase	2012 value is incorrect
Contained in Product	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	45.817	304.791	13.667	1.243	23.851
Change from 2012	-31.230	89.343	-23.568	N/A	5.093
% Change	-40.5	41.5	-63.3	N/A	27.2
Disposed	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	19.780	451.037	36.564	0	0.500
Change from 2012	15.515	-117.334	0.640	N/A	0.500
% Change	363.8	-20.4	1.8	N/A	100
Reason (Release/ Dispose/Transfer)	New technology	Lower recovery of spent purge solvent			Raw material formulation 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 2013. 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 2013 Calendar Year (continued).

Name (CAS RN)	Hydrotreated light distillate (64742-47-8)	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)
Enters Process	10-100	10-100	10-100	10-100	10-100
Change from 2012	-6.044	19.862	-2.627	0.104	-5.348
% Change	-23.6	77.1	-17.9	0.5	-5.4
Reason	Change in material composition	Change in material composition	Normal production mix variation		
Created	0	0	0	0	0
Change from 2012	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 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	4.247	12.980	12.038	10.841	47.036
Change from 2012	-0.760	-1.133	-2.627	-3.71	-16.687
% Change	-15.2	-8.0	-17.9	-10.3	-26.2
Disposed	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	0.571	451.037	9.187	3.825	27.869
Change from 2012	0.325	-117.334	0.660	N/A	12.522
% Change	132.3	-20.4	7.2	N/A	81.6
Reason (Release/ Dispose/Transfer)	Change in material composition	Change in material composition		Composition of spent purge solvent	Composition of spent purge solvent
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2013. 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 2013 Calendar Year (continued).

Name (CAS RN)	Methanol (67-56-1)	Isopropyl alcohol (67-63-0)	n-Butyl alcohol (71-3603)	Sodium nitrite (7632-00-0)	Hydrochloric Acid (7647-01-0)
Enters Process	10-100	10-100	10-100	10-100	10-100
Change from 2012	-2.956	-4.305	-1.523	0.007	-0.859
% Change	-3.3	-17.3	-2.9	0	-3.9
Reason		Increase in cleaning process			
Created	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Contained in Product	69.615	0	0	0	0
Change from 2012	-2.184	0	0	0	0
% Change	-3.0	N/A	N/A	N/A	N/A
Reason					
Released	8.977	15.078	29.513	0	0
Change from 2012	-0.737	0.352	-5.391	0	0
% Change	-7.6	2.4	-15.5	N/A	N/A
Disposed	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	4.291	2.311	10.015	0	0
Change from 2012	-1.416	-6.498	4.269	0	0
% Change	-24.8	-73.7	74.3	N/A	N/A
Reason (Release/ Dispose/Transfer)	Variation in waste stream is not abnormal	Composition of spent purge solvent	Composition of spent purge solvent		
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2013. 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 2013 Calendar Year (continued).

Name (CAS RN)	Nitric Acid (7697-37-2)	Isobutanol (78-83-1)	Methyl ethyl ketone (78-93-3)	VM&P naphtha (8032-32-4)	Stoddard solvent (8052-41-3)
Enters Process	10-100	10-100	10-100	1-10	10-100
Change from 2012	21.556	-3.489	-2.193	-4.444	4.490
% Change	172.9	-18.1	-13.3	-42.5	40.8
Reason	Timing of maintenance projects	New technology			
Created	0	0	0	0	0
Change from 2012	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 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Reason					
Released	0	9.064	0.503	3.432	14.800
Change from 2012	0	-4.155	-1.279	-3.197	7.639
% Change	N/A	-31.4	-71.8	-48.2	106.7
Disposed	0	0	0	0	0
Change from 2012	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	0	2.902	13.686	1.140	0.223
Change from 2012	0	1.469	-0.836	-0.271	0.114
% Change	N/A	102.5	-5.8	-19.2	32.9
Reason (Release/ Dispose/Transfer)	Variation in waste stream is not abnormal	New technology	Temporary change in purge solvent	New technology	New manufacturing product
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2013. 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 2013 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	1-10	10-100	0	10-100
Change from 2012	-1.501	9.992	-5.362	0	-5.729
% Change	-3.1	100	-32.2	N/A	-10.5
Reason		Did not meet reporting threshold in 2012	New technology		Processing material change
Created	0	0	0	10-100	0
Change from 2012	0	0	0	15.863	0
% Change	N/A	N/A	N/A	108.4	N/A
Reason				Timing of maintenance projects	
Contained in Product	0	0	0	0	10-100
Change from 2012	0	0	0	0	37.334
% Change	N/A	N/A	N/A	N/A	-59.2
Reason					
Released	28.274	6.733	8.092	3.432	0
Change from 2012	-4.063	6.733	-4.981	-3.197	0
% Change	-12.6	100	-38.1	-48.2	N/A
Disposed	0	0	0	30.495	0.036
Change from 2012	0	0	0	15.589	-1.787
% Change	N/A	N/A	N/A	104.6	-98.0
Transferred	8.790	0.947	13.686	0.005	33.674
Change from 2012	2.704	0.947	-0.836	-0.004	18.150
% Change	44.4	100	-5.8	-44.4	116.9
Reason (Release/ Dispose/Transfer)	Composition of spent purge solvent	Did not meet reporting threshold in 2012	Temporary change in purge solvent	Timing of maintenance projects	Based on waste test results
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2013. 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 2013 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 2012	-8.052	0	0	0	0
% Change	-0.3	N/A	N/A	N/A	N/A
Reason					
Created	0	10-100	1-10	1-10	10-100
Change from 2012	0	5.393	-5.731	5.513	3.657
% Change	N/A	11.5	-40.4	-53.0	9.7
Reason					
Contained in Product	>1000	0	0	0	0
Change from 2012	-9.720	0	0	0	0
% Change	-0.4	N/A	N/A	N/A	N/A
Reason					
Released	0.038	52.437	8.457	4,891	41.537
Change from 2012	-0.002	5.393	-5.731	5.513	3.657
% Change	-5.0	11.5	-40.4	-53.0	9.7
Disposed	0.054	0	0	0	0
Change from 2012	-0.024	0	0	0	0
% Change	-30.8	N/A	N/A	N/A	N/A
Transferred	25.803	0	0	0	0
Change from 2012	7.116	0	0	0	0
% Change	38.1	N/A	N/A	N/A	N/A
Reason (Release/ Dispose/Transfer)		Weather and increased overtime activity			Weather and increased overtime activity
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2013. All values are in tonnes. Reason for change is documented if change is >10%.				

Certification Statement

As of May 23, 2014, 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.

Certification Statement

As of May 23, 2014, 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.

Dan Smith, President,

Honda of Canada Mfg.