



2020 Annual Public Report Under O. Reg. 455/09

Honda of Canada Manufacturing

Alliston, Ontario

September 20, 2021



Honda of Canada Mfg. Facility Data

Facility NPRI ID	397
Facility Owner/Operator	Honda of Canada Mfg.
	4700 Industrial Rd.
	P.O. Box 5000
	Alliston, Ontario
	L9R 1A2
Full Time Employees	4300
NAICS Code	3361
NAICs Canada Code	336110
Facility Public Contact	Michael Broeckel
	Facilities Department/Environmental Group
	(705) 435-5561 ext 2391
Highest Ranking Employee	Isao Matsuzaki
	Executive Vice President – General Manager
	(705) 435-5561
Facility UTM Coordinates	44.1470,-79.847
Canadian Parent Company	Honda Canada Inc.
	180 Honda Blvd.
	Markham, Ontario
	L6C 0H9



For reporting year 2020, the following substances meet the criteria for Toxics Reduction Accounting as required under O. Reg. 455/09.

CAS#	Name	CAS#	Name
95-63-6	1,2,4 trimethylbenzene	67-56-1	Methanol
108-67-8	1,3,5 trimethylbenzene	108-10-1	Methyl isobutyl ketone
111-76-2	2-Butoxy ethanol	78-93-3	Methyl ethyl ketone
**	Butyl acetate (all isomers)	872-50-4	N-methyl pyrrolidone
71-36-3	N-Butyl alcohol	11104-93-1	Nitrogen oxides (as NO ₂)
630-08-0	Carbon monoxide	**	Nitrate ion
141-78-6	Ethyl acetate	7697-37-2	Nitric acid
100-41-4	Ethylbenzene	**	PM ₁₀ (PM ≤ 10 microns)
107-21-1	Ethylene glycol	**	PM _{2.5} (PM ≤ 2.5 microns)
**	Glycol ethers and acetates (isomers)	**	Phosphorus (total)
64742-94-5	Heavy aromatic solvent naphtha	108-65-5	Propylene glycol methyl ether acetate
**	n-Heptane	7632-00-0	Sodium nitrite
64742-48-9	Hydrotreated heavy naphtha	64742-89-8	Solvent naphtha light aliphatic
64742-47-8	Hydrotreated light distillate	108-88-3	Toluene
7647-01-0	Hydrochloric acid	1330-20-7	Xylene
67-63-0	Isopropyl alcohol	**	Zinc (and its compounds)
64742-95-6	Light aromatic solvent naphtha		

Accounting information for all substances meeting the reporting threshold for the 2020 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	1-10
Change from 2019	-44.687	-275.782	-1.886	-11.454	0.201
% Change	-36.073	-16.501	-29.601	-23.434	2.276
Reason	Reduced purge solvent use, production reduction	Production reduction	Production reduction, paint formulation change	Paint formulation change	N/A
Created	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	0	0	0	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Contained in Product	0	>1000	0	0	0
Change from 2019	0	-274.337	0	0	0
% Change	0	-16.467	0	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Released	35.885	0.000237	2.174	29.579	7.959
Change from 2019	-13.161	-0.0368	-1.058	-11.102	1.926
% Change	-26.835	-99.360	-32.736	-27.291	31.919
Disposed	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	0	0	0	0	0
Transferred	40.425	3.915	0.234	5.101	0.639
Change from 2019	-29.305	-1.408	-0.179	-0.115	-1.550
% Change	-42.026	-26.461	-43.371	-2.212	-70.807
Reason (Release/Dispose/Transfer)	Reduced solvent use, production reduction	Production reduction	Production reduction, paint formulation change	N/A	Normal variation in solvent recovery composition
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2020. 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 2020 Calendar Year (continued).



Name (CAS RN)	2-butoxy ethanol (111-76-2)	Xylene (1330-20-7)	Ethyl acetate (141-78-6)	Hydrotreated light distillate (64742-47-8)	Hydrotreated heavy naphtha (64742-48-9)
Enters Process	10-100	100-1000	10-100	10-100	10-100
Change from 2019	-0.588	-256.198	-32.214	1.450	-2.630
% Change	-0.818	-34.605	-61.531	14.008	-6.868
Reason	N/A	Paint technology change, decrease in purge use	Production reduction, paint formulation change	Material formulation change	N/A
Created	1-10	0	0	0	0
Change from 2019	-1.922	0	0	0	0
% Change	-22.290	0	0	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Contained in Product	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	0	0	0	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Released	42.287	218.118	12.460	7.360	13.346
Change from 2019	-36.150	-64.298	-15.924	1.131	0.621
% Change	-46.088	-22.767	-56.102	18.158	4.878
Disposed	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	0	N/A	N/A	N/A	N/A
Transferred	3.208	251.590	7.292	1.348	1.303
Change from 2019	1.933	-183.057	-11.592	0.842	0.407
% Change	60.257	-42.116	-61.382	166.65	45.466
Reason (Release/ Dispose/Transfer)	Normal variation in solvent recovery composition	Decrease in purge solvent use, production reduction	Production reduction, paint formulation change	Material formulation change	Normal variation in solvent recovery composition
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2020. 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 2020 Calendar Year (continued).

Name (CAS RN)	Heavy aromatic solvent naphtha (64742-94-5)	Light aromatic solvent naphtha (64742-95-6)	Methanol (67-56-1)	Isopropyl alcohol (67-63-0)	n-Butyl alcohol (71-36-3)
Enters Process	10-100	100-1000	10-100	10-100	10-100
Change from 2019	-5.727	-41.525	-17.272	-1.293	-0.866
% Change	-16.830	-37.402	-16.021	-5.444	-1.142
Reason	Production reduction	Production reduction, paint formulation change	Production reduction	N/A	N/A
Created	0	0	1-10	0	0
Change from 2019	0	0	-1.861	0	0
% Change	0	0	-22.290	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Contained in Product	0	0	10-100	0	0
Change from 2019	0	0	-10.447	0	0
% Change	0	0	-13.085	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Released	16.149	48.713	6.742	20.675	45.536
Change from 2019	-7.748	-30.894	-2.779	-0.968	-7.901
% Change	-32.423	-38.808	-29.186	-4.476	-14.785
Disposed	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	1.913	5.954	7.556	0.489	8.839
Change from 2019	-0.301	-5.335	-1.466	-0.188	1.604
% Change	-13.612	-47.261	-16.246	-27.803	22.172
Reason (Release/ Dispose/Transfer)	Production reduction	Production reduction, paint formulation change	Production reduction	Normal variation in solvent recovery composition, production reduction	Normal variation in solvent recovery composition
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2020. 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 2020 Calendar Year (continued).

Name (CAS RN)	Sodium nitrite (7632-00-0)	Hydrochloric Acid (7647-01-0)	Nitric Acid (7697-37-2)	Methyl ethyl ketone (78-93-3)	N-Methyl Pyrrolidone (872-50-4)
Enters Process	10-100	10-100	10-100	10-100	10-100
Change from 2019	-2.478	17.840	-13.593	-1.095	11.121
% Change	-10.3	100.374	-39.519	-5.423	88.111
Reason	Production reduction	Normal variation in cleaning activity	Normal variation in cleaning activity	N/A	Purge solvent formulation change, increased use
Created	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	0	0	0	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Contained in Product	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	0	0	0	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Released	0	0	0	6.394	16.574
Change from 2019	0	0	0	-1.405	10.757
% Change	N/A	N/A	N/A	-18.017	184.933
Disposed	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	N/A	N/A	N/A	N/A	N/A
Transferred	0	0	0	12.512	6.650
Change from 2019	0	0	0	0.121	2.097
% Change	N/A	N/A	N/A	0.979	46.068
Reason (Release/ Dispose/Transfer)				N/A	Purge solvent formulation change, increased use
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2020. 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 2020 Calendar Year (continued).

Name (CAS RN)	1,2,4-Trimethyl benzene (95-63-6)	Trimethyl benzene isomers (exclude 95-63-6)	Heptane Isomers (**)	Butyl acetate (all isomers) (**)	Glycol ethers and acetates (isomers) (**)
Enters Process	10-100	10-100	10-100	100-1000	100-1000
Change from 2019	-22.603	-4.337	-1.849	-39.632	58.301
% Change	-37.478	-28.333	-14.554	-34.479	30.308
Reason	Production reduction, paint formulation change	Production reduction, paint formulation change	Production reduction, paint formulation change	Production reduction, paint formulation change	Purge solvent formulation change, increased use
Created	0	0	0	0	10-100
Change from 2019	0	0	0	0	-18.483
% Change	0	0	0	0	-23.248
Reason	N/A	N/A	N/A	N/A	N/A
Contained in Product	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	0	0	0	0	0
Reason	N/A	N/A	N/A	N/A	N/A
Released	25.386	7.396	6.401	62.719	104.950
Change from 2019	-17.487	-3.882	-1.730	-26.475	32.499
% Change	-40.787	-34.421	-18.106	-29.683	44.9
Disposed	0	0	0	0	0
Change from 2019	0	0	0	0	0
% Change	N/A	N/A	N/A	0	0
Transferred	3.335	1.085	-0.603	8.912	62.245
Change from 2019	-2.620	-0.258	-0.039	-5.664	42.790
% Change	-43.995	-19.2	-6.163	-38.9	219.9
Reason (Release/ Dispose/Transfer)	Production reduction, paint formulation change	Production reduction, paint formulation change	Production reduction, paint formulation change	Normal variation in solvent recovery	Normal variation in solvent recovery
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2020. 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 2020 Calendar Year (continued).



Name (CAS RN)	Nitrate Ion (**)	Total Phosphorus (**)	Zinc (**)	Nitrogen oxides (as NO2) (**)	PM10 (PM <= 10 microns) (**)
Enters Process	10-100	10-100	>1000	0	0
Change from 2019	21.809	-8.921	-306.747	0	0
% Change	84.232	-31.2	-12.8	0	0
Reason	Calculation update	Production reduction	Production reduction	N/A	N/A
Created	10-100	0	0	10-100	1-10
Change from 2019	33.484	0	0	-9.320	-1.383
% Change	N/A	0	0	-15.2	-17.3
Reason	Calculation update	N/A	N/A	Production reduction	Production reduction
Contained in Product	0	1-10	>1000	0	0
Change from 2019	0	-7.957	-298.427	0	0
% Change	0	-33.584	-12.6	0	0
Reason	N/A	Production reduction	Production reduction	N/A	N/A
Released	0	0	0.448	52.088	6.629
Change from 2019	0	0	--0.076	-9.320	-1.383
% Change	N/A	N/A	-14.5	-15.2	-17.3
Disposed	39.899	0.533	0.116	0	0
Change from 2019	21.615	-0.149	0.050	0	0
% Change	118.220	-21.886	76.1	0	0
Transferred	0.281	3.398	16.068	0	0
Change from 2019	0.194	-0.815	-8.311	0	0
% Change	225.393	-19.335	-34.1	0	0
Reason (Release/Dispose/Transfer)	Calculation update	Production reduction	Calculation method has large inherent error	Production reduction	Production reduction
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2020. 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 2020 Calendar Year (continued)

Name (CAS RN)	PM2.5 (PM ≤2.5 microns) (**)	Carbon monoxide (630-08-0)			
Enters Process	0	0			
Change from 2019	0	0			
% Change	0	0			
Reason	N/A	N/A			
Created	1-10	10-100			
Change from 2019	-1.222	-6.681			
% Change	-20.0	-13.6			
Reason	Production reduction	Production Reduction			
Contained in Product	0	0			
Change from 2019	0	0			
% Change	0	0			
Reason	N/A	N/A			
Released	4.879	42.425			
Change from 2019	-1.222	-6.681			
% Change	-20.00	-13.6			
Disposed	0	0			
Change from 2019	0	0			
% Change	0	0			
Transferred	0	0			
Change from 2019	0	0			
% Change	0	0			
Reason (Release/ Dispose/Transfer)	Production reduction	Production reduction			
Notes	There were no plan objectives set. Refer to Plan Summaries for details. There were no significant process changes or calculation method changes in 2020. All values are in tonnes. Reason for change is documented if change is >10%.				

All units in metric tonnes



Certification Statement

As of September 20, 2021, 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

Isao Matsuzaki, Executive Vice President – General Manager,
Honda of Canada Mfg.



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Isao Matsuzaki, Executive Vice President – General Manager,
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