

Emission Summary Table January 18, 2018

Honda of Canada Mfg.

Air Dispersion Model Used: AERMOD

Contaminant	CAS #	Total Facility Emission Rate (g/s)	Max POI Concentration (µg/m ³)	Averaging Period	MOECC POI Limit (µg/m ³)	Limiting Effect	Regulation Schedule	% of MOECC POI Limit
Formaldehyde	50-00-0	1.8	12.7	24 hr	65	Health	3	19.5
Isopropyl alcohol	67-63-0	20.5	208.5	24 hr	7300	Health	3	2.9
n-Butyl alcohol	71-36-3	18.3	131.7	24 hr	920	Health	3	14.3
			867.7	10 min	2100	Odour	Guideline	41.3
Isobutanol	78-83-1	6.8	48.3	24 hr	4600	Health	3	1.1
			316.8	10 min	2340	Odour	Guideline	13.5
Methyl ethyl ketone	78-93-3	4.3	42.1	24 hr	1000	Health	3	4.2
Naphthalene	91-20-3	0.9	6.7	24 hr	22.5	Health	Guideline	29.8
			41.3	10 min	50	Odour	Guideline	82.6
Trimethylbenzenes	95-63-6, 108-67-8	13.5	97.2	24 hr	220	Health	3	44.2
Isobutyl isobutyrate	97-85-8	9.2	139.3	24 hr	1200	n/a	JSL	11.6
Ethylbenzene	100-41-4	9.8	69.7	24 hr	1000	Health	3	7.0
			454.1	10 min	1900	Odour	Guideline	23.9
Propyl benzene	103-65-1	1.0	7.2	24 hr	20	n/a	JSL	36.0
Ethyl hexanol, 2-	104-76-7	2.9	143.9	1 hr	600	Odour	Guideline	24.0
Propyl propionate	106-36-5	5.4	57.5	24 hr	84	n/a	JSL	68.1
Dimethyl succinate	106-65-0	0.9	6.9	24 hr	40	n/a	JSL	17.3
Dimethylaminoethanol	108-01-0	0.7	7.1	24 hr	22	n/a	JSL	32.3
Methyl isobutyl ketone	108-10-1	4.2	32.5	24 hr	1200	Odour	Guideline	2.7
Propylene carbonate	108-32-7	0.5	4.9	24 hr	40	n/a	JSL	12.3
Propylene glycol mono methyl ether acetate	108-65-6	26.2	190.5	24 hr	5000	Odour	Guideline	3.8
Diisobutyl ketone	108-83-8	6.1	48.4	24 hr	3500	Health	Guideline	1.4
			339.9	10 min	649	Odour	Guideline	52.4
Toluene	108-88-3	10.3	79.9	24 hr	2000	Odour	Guideline	4.0
Dimethyl-1,3-diamino propane	109-55-7	0.2	2.0	24 hr	20	Health	Guideline	10.0

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Isobutyl acetate	110-19-0	17.8	1127.4	10 min	1660	Odour	Guideline	67.9
Methyl n-amyl ketone	110-43-0	18.2	188.1	24 hr	4600	Health	Guideline	4.1
Diisopropanolamine	110-97-4	0.3	0.7	24 hr	4	n/a	JSL	17.5
ethylene glycol butyl ether (butyl cellosolve)	111-76-2	6.3	50.4	24 hr	2400	Health	Guideline	2.1
			369.4	10 min	500	Odour	Guideline	73.9
Ethylene glycol butyl ether acetate	112-07-2	9.5	71.1	24 hr	3250	Health	Guideline	2.2
			462.0	10 min	700	Odour	Guideline	66.0
Diethylene glycol monobutyl ether	112-34-5	1.7	22.6	24 hr	65	Health	Guideline	34.7
n-Butyl acetate	123-86-4	16.6	507.6	1 hr	15000	Health	Guideline	3.4
			837.5	10 min	1000	Health	Guideline	83.8
Amino methyl propanol	124-68-5	1.3	10.3	24 hr	18	n/a	JSL	57.2
n-Butyl propionate	590-01-2	6.9	66.7	24 hr	92	n/a	JSL	72.5
Dimethyl carbonate	616-38-6	7.7	70.6	24 hr			See note	n/a
n Pentyl propionate	624-54-4	12.9	86.9	24 hr			See note	n/a
Dimethyl adipate	627-93-0	0.9	6.9	24 hr	40	n/a	JSL	17.3
1,6-Hexanediol	629-11-8	0.3	3.5	24 hr	14	n/a	JSL	25.0
Ethyl-3-ethoxy propionate	763-69-9	2.6	142.1	10 min	200	Odour	Guideline	71.1
Hexamethylene diisocyanate monomer	822-06-0	0.001	0.02	24 hr	0.03	Health	3	66.7
Dimethyl glutarate	1119-40-0	2.6	21.6	24 hr	40	n/a	JSL	54.0
Xylene	1330-20-7	37.1	263.1	24 hr	730	Health	3	36.0
			1754.1	10 min	3000	Odour	Guideline	58.5
Naphthenic acid	1338-24-5	2.8	22.3	24 hr	40	n/a	JSL	55.8
Trimethyl orthoacetate	1445-45-0	2.8	18.5	24 hr	24	n/a	JSL	77.1
Ethylene glycol 2-ethylhexyl ether	1559-35-9	2.9	31.6	24 hr	37	n/a	JSL	85.4
Diethylene glycol 2-ethylhexyl ether	1559-36-0	0.4	3.9	24 hr	22	n/a	JSL	17.7
Propylene glycol monopropyl ether	1569-01-3	3.2	24.4	24 hr	520	n/a	JSL	4.7
1-Butoxy-2-propanol	5131-66-8	11.6	94.5	24 hr	3300	Health	Guideline	2.9
Hydrogen chloride	7647-01-0	0.06	0.9	24 hr	20	Health	3	4.5
Fluorides (as HF) Total	7664-39-3	0.01	0.2	24 hr	1.72	Vegetation	3	11.6
			0.08	30 days	0.69	Vegetation	3	11.5

