

The Environmental Spill Control Regulations

Appendix

Spills to be reported if amounts equal or exceed.

Abbreviations: hr = hours kg = kilograms g = grams L = litres

Definition: "Onsite" means on and completely contained within the boundaries of property owned or occupied by the owner of a pollutant or the person having control of a pollutant.

A. Substances listed under the *Environmental Contaminants Act* (Canada)

Pollutant	Form, Character Or Concentration	Onsite	Not Onsite	Time Period
Polychlorinated biphenyls (also known as PCB)	any substance containing PCB	1 kg	50 g	24 hr
Polychlorinated terphenyls (also known as PCT)	any substance containing PCT	1 kg	50 g	24 hr
Polybrominated biphenyls (also known as PBB)	any substance containing PBB	1 kg	50 g	24 hr
Mirex (also known as dechlorane)	any substance containing Mirex	1 kg	50 g	24 hrs
Other substances listed in regulations under the <i>Environmental Contaminants Act</i> (Canada)		1 kg	50 g	24 hr

B. Petroleum and petroleum products

Pollutant	Form, Character Or Concentration	Onsite	Not Onsite	Time Period
Gasoline	Liquid Liquid from above ground container Liquid from below ground container	200 L 500 L any sub-surface loss	100 L	24 hr Any period Any period
Diesel Fuel	Liquid Liquid from above ground container Liquid from below ground container	200 L 500 L any sub-surface loss	100 L	24 hr any period any period
Bunker oils, aviation fuel, jet fuel, kerosene stove oil	Liquid Liquid from above ground container Liquid from below ground container	200 L 500 L any sub-surface loss	100 L	24 hr any period any period
Lubricating oils	Liquid	100 L	50 L	24 hr
Asphalt	liquid	500 L	100 L	24 hr
Other petroleum products	liquid	100 L	50 L	24 hr

C. Organic biocides (pesticides)

12. Abate	15 kg	5 kg	24 hr
13. Aldrin	1 kg	100 g	24 hr
14. Asulam	50 kg	20 kg	24 hr
15. Atrazine	5 kg	1 kg	24 hr
16. Azinphos-methyl	1 kg	100 g	24 hr
17. Barban	5 kg	1 kg	24 hr
18. Benazolin	50 kg	20 kg	24 hr
19. Benzoylprop ethyl	30 kg	10 kg	24 hr
20. Bromoxynil	15 kg	5 kg	24 hr

21. Carbaryl	15 kg	5 kg	24 hr
22. Carbofuran	5 kg	1 kg	24 hr
23. Chlordane	1 kg	100 g	24 hr
24. Chlofenrinphos	5 kg	1 kg	24 hr
25. Chlorpyrifos	5 kg	1 kg	24 hr
26. 2,4-D; 2,4-DB; 2,4-DP	15 kg	5 kg	24 hr
27. Dalapon	50 kg	20 kg	24 hr
28. DDT, DDD, or DDE	1 kg	100 g	24 hr
29. Diazinon	15 kg	5 kg	24 hr

30. Dicamba	15 kg	1 kg	24 hr
31. Dichloroprop	30 kg	10 kg	24 hr
32. Diclofop-methyl			
33. Dieldrin	30 kg	10 kg	24 hr
34. Dimethoate	1 kg	100 kg	24 hr
35. Dinitramine			
36. Dinoseb	30 kg	10 kg	24 hr
37. Endosulfan	50 kg	20 kg	24 hr
38. Endrin			
39. EPTC	5 kg	1 kg	24 hr
40. Ethion	1 kg	100 g	24 hr
41. Fenitrothion			
42. Flamprop-methyl	1 kg	100 g	24 hr
43. Fonofos	30 kg	10 kg	24 hr
44. Glyphosphate			
45. Heptachlor	5 kg	1 kg	24 hr
46. Heptachlor expoxide	5 kg	1 kg	24 hr
47. Lindane			
48. Linuron	30 kg	10 kg	24 hr
49. Malathion	5 kg	1 kg	24 hr
50. MCPA; MCPB			
51. Mecoprop	50 kg	20 kg	24 hr
52. Methamidophos	1 kg	100 g	24 hr
53. Methidathion			
54. Methomyl	1 kg	100 g	24 hr
55. Methoxychlor	1 kg	100 g	24 hr
56. Metribuzin			
57. Niclofen	30 kg	10 kg	24 hr
58. Paraquat	15 kg	5 kg	24 hr
59. Parathion			
60. Picloram	15 kg	5 kg	24 hr
61. Propanil	15 kg	5 kg	24 hr
	1 kg	100 g	24 hr
	5 kg	1 kg	24 hr
	15 kg	5 kg	24 hr
	5 kg	1 kg	24 hr
	30 kg	10 kg	24 hr
	50 kg	20 kg	24 hr
	15 kg	5 kg	24 hr
	1 kg	100 kg	24 hr
	5 kg	1 kg	24 hr
	15 kg	5 kg	24 hr
62. Simazine	5 kg	1 kg	24 hr
63. 2,4,5-T; 2,4,5-TP	any amount	any amount	any period
64. TCA	30 kg	10 kg	24 hr
65. Toxaphene	1 kg	100 g	24 hr
66. Triallate	30 kg	10 kg	24 hr
67. Trifluralin	15 kg	5 kg	24 hr
68. Other biocides	1 kg	100 g	24 hr

D. Acids and bases

69. Acetic acid		100 kg	20 kg	24 hr
70. Hydrochloric acid (also known as muriatic acid)		50 kg	10 kg	24 hr
71. Hydrofluoric acid		5 kg	1 kg	24 hr
72. Nitric acid		50 kg	10 kg	24 hr
73. Oleum (also known as overstrength sulfuric acid)		50 kg	10 kg	24 hr
74. Phosphoric acid		50 kg	10 kg	24 hr
75. Sulfuric acid		50 kg	10 kg	24 hr
76. Sodium hydroxide (also known as caustic soda)		100 kg	20 kg	24 hr
77. Potassium hydroxide (also known as caustic potash)		100 kg	20 kg	24 hr
78. Calcium hydroxide, Calcium oxide (also known as lime, quicklime)		500 kg	100 kg	24 hr
79. Other acids and bases		50 kg	10 kg	24 hr

E. Miscellaneous organic
substances

80. Halogenated solvents
liquid (carbon tetra
chloride, chloroform,
methylene chloride,
etc.) liquid

25 L 5 L 24 hr

81. Non-halogenated
solvents (benzene,
hexane, etc.)

liquid 25 L 5 L 24 hr

82. Acrylonitrile
(also known as vinyl
cyanide)

liquid 25 L 5 L 24 hr

83. Vinyl chloride

liquid 10 L 2 L 24 hr

84. Chlorobenzenes

liquid any
quantity any
quantity any
period

85. Chlorophenols

liquid 10 L 2 L 24 hr

86. Methanol

liquid 500 L 100 L 24 hr

87. Edible oils (rapeseed,
coconut, palm)

liquid 500 kg 250 kg 24 hr

88. Urea

500 kg 100 kg 24 hr

89. Other organic
substances

25 kg 5 kg 24 hr

F. Miscellaneous

inorganic substances					
90. Ammonia when released by a container failure	anhydrous		any quantity	any quantity	any period
91. Ammonia (also known as aqua ammonia)	liquid		100 kg	50 kg	24 hr
92. Calcium chloride			1000 kg	500 kg	24 hr
93. Chlorine (also known as liquid chlorine, calcium hypochlorite, sodium hypochlorite, chloride of lime)	liquid or solid		equal to 100 kg chlorine	equal to 20 kg chlorine	24 hr
94. Chlorine a container failure	gas when released by		any quantity	any quantity	any period
95. Cyanide compounds			equal to 5 kg of cyanide	equal to 1 kg of cyanide	24 hr
96. Fertilizers: primarily nitrogen			equal to 100 kg of nitrogen	equal to 50 kg of nitrogen	24 hr
primarily phosphate			equal to 50 kg of phosphorus	equal to 10 kg of phosphorus	24 hr
97. Hydrogen fluoride container failure	gas when released by		any quantity	any quantity	any period
98. Potassium chloride (also known as potash)			1000 kg	500 kg	24 hr
99. Potassium permanganate			100 kg	20 kg	24 hr
100. Sodium chloride (also known as common salt)			1000 kg	500 kg	24 hr
101. Sodium sulphate			1000 kg	500 kg	24 hr
102. Sulfur			500 kg	250 kg	24 hr
103. Other inorganic substances			100 kg	20 kg	24 hr
G. Metals					
104. Lead	in solution		10 kg	2 kg	24 hr
105. Nickel	in solution		25 kg	5 kg	24 hr
106. Zinc	in solution		25 kg	5 kg	24 hr
107. Copper (also known	in solution		equal to	5 kg	24 hr

as bluestone)	or a sulphate compound	25 kg of copper		
108. Arsenic solid form	in liquid or	10 kg	2 kg	24 hr
109. Cadmium or powder	in solution	10 kg	2 kg	24 hr
110. Chromium or powder	in solution	10 kg	2 kg	24 hr
111. Selenium of powder	in solution	10 kg	2 kg	24 hr
112. Mercury	all forms including organic mercury	1 kg	100 g	24 hr
113. Other metals	in solution or powder	10 kg	2 kg	24 hr
H. Radioactive Materials				
114. Diuranate compounds (also known as yellowcake)		any amount	any amount	any period
115. Radioactive isotopes		any amount	any amount	any period
I. Waste products				
116. Domestic liquid waste		not applicable	300 L	24 hr
117. Industrial liquid wastewaters		1000 L	100 L	24 hr
118. Agricultural liquid waste (liquid manure)		not applicable	200 L	24 hr