

## TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

ID No. NAME OF MATERIAL		SMALL SPILLS (From a small package or small leak from a large package)						LARGE SPILLS (From a large package or from many small packages)					
		First ISOLATE in all Directions		Then PROTECT persons Downwind during-				First ISOLATE in all Directions		Then PROTECT persons Downwind during-			
		Meters	(Feet)	DAY Kilometers (Miles)		NIGHT Kilometers (Miles)		Meters	(Feet)	DAY Kilometers (Miles)		NIGHT Kilometers (Miles)	
1955	Liquefied gas, toxic, n.o.s. (Inhalation Hazard Zone C)	30 m	(100 ft)	0.3 km	(0.2 mi)	1.2 km	(0.8 mi)	240 m	(800 ft)	2.4 km	(1.5 mi)	6.4 km	(4.0 mi)
1955	Liquefied gas, toxic, n.o.s. (Inhalation Hazard Zone D)	30 m	(100 ft)	0.2 km	(0.1 mi)	0.7 km	(0.4 mi)	120 m	(400 ft)	1.2 km	(0.8 mi)	3.8 km	(2.4 mi)
1955	Organic phosphate compound mixed with compressed gas	120 m	(400 ft)	1.0 km	(0.7 mi)	3.4 km	(2.1 mi)	450 m	(1500 ft)	4.4 km	(2.7 mi)	9.6 km	(6.0 mi)
1955	Organic phosphate mixed with compressed gas												
1955	Organic phosphorus compound mixed with compressed gas												
1967	Insecticide gas, poisonous, n.o.s.	120 m	(400 ft)	1.0 km	(0.7 mi)	3.4 km	(2.1 mi)	450 m	(1500 ft)	4.4 km	(2.7 mi)	9.6 km	(6.0 mi)
1967	Insecticide gas, toxic, n.o.s.												
1967	Parathion and compressed gas mixture												
1975	Dinitrogen tetroxide and Nitric oxide mixture	30 m	(100 ft)	0.2 km	(0.1 mi)	0.8 km	(0.5 mi)	60 m	(200 ft)	0.6 km	(0.4 mi)	2.7 km	(1.7 mi)
1975	Nitric oxide and Dinitrogen tetroxide mixture												
1975	Nitric oxide and Nitrogen dioxide mixture												
1975	Nitric oxide and Nitrogen tetroxide mixture												
1975	Nitrogen dioxide and Nitric oxide mixture												
1975	Nitrogen tetroxide and Nitric oxide mixture												
1994	Iron pentacarbonyl	30 m	(100 ft)	0.3 km	(0.2 mi)	0.6 km	(0.4 mi)	150 m	(500 ft)	1.6 km	(1.0 mi)	3.0 km	(1.9 mi)
2004	Magnesium diamide (when spilled in water)	30 m	(100 ft)	0.1 km	(0.1 mi)	0.4 km	(0.3 mi)	90 m	(300 ft)	0.7 km	(0.4 mi)	2.9 km	(1.8 mi)

2011	Magnesium phosphide (when spilled in water)	60 m (200 ft)	0.5 km (0.4 mi)	2.4 km (1.5 mi)	800 m (2500 ft)	7.5 km (4.7 mi)	11.0+ km (7.0+ mi)
2012	Potassium phosphide (when spilled in water)	60 m (200 ft)	0.4 km (0.3 mi)	1.7 km (1.1 mi)	500 m (1600 ft)	4.7 km (2.9 mi)	11.0+ km (7.0+ mi)
2013	Strontium phosphide (when spilled in water)	60 m (200 ft)	0.4 km (0.2 mi)	1.7 km (1.1 mi)	500 m (1600 ft)	4.6 km (2.9 mi)	11.0+ km (7.0+ mi)
2032	Nitric acid, fuming	30 m (100 ft)	0.1 km (0.1 mi)	0.2 km (0.2 mi)	60 m (200 ft)	0.6 km (0.4 mi)	1.2 km (0.8 mi)
2032	Nitric acid, red fuming						
2186	Hydrogen chloride, refrigerated liquid	30 m (100 ft)	0.1 km (0.1 mi)	0.4 km (0.3 mi)	360 m (1200 ft)	3.6 km (2.2 mi)	10.4 km (6.5 mi)
2188	Arsine	60 m (200 ft)	0.6 km (0.4 mi)	3.0 km (1.9 mi)	420 m (1400 ft)	4.1 km (2.6 mi)	9.5 km (5.9 mi)
2188	SA (when used as a weapon)	60 m (200 ft)	0.9 km (0.5 mi)	2.5 km (1.5 mi)	420 m (1300 ft)	4.1 km (2.5 mi)	8.1 km (5.0 mi)
2189	Dichlorosilane	30 m (100 ft)	0.2 km (0.1 mi)	1.0 km (0.6 mi)	420 m (1400 ft)	4.0 km (2.5 mi)	10.8 km (6.7 mi)
2190	Oxygen difluoride	600 m (2000ft)	5.9 km (3.7 mi)	11.0+ km (7.0+ mi)	1000 m (3000 ft)	11.0+ km (7.0+ mi)	11.0+ km (7.0+ mi)
2190	Oxygen difluoride, compressed						
2191	Sulfuryl fluoride	30 m (100 ft)	0.1 km (0.1 mi)	0.3 km (0.2 mi)	120 m (400 ft)	1.2 km (0.8 mi)	3.8 km (2.4 mi)
2191	Sulphuryl fluoride						
2192	Germane	30 m (100 ft)	0.2 km (0.1 mi)	1.0 km (0.6 mi)	90 m (300 ft)	0.8 km (0.5 mi)	3.0 km (1.9 mi)
2194	Selenium hexafluoride	90 m (300 ft)	0.7 km (0.5 mi)	3.2 km (2.0 mi)	450 m (1500 ft)	4.4 km (2.7 mi)	9.0 km (5.6 mi)
2195	Tellurium hexafluoride	90 m (300 ft)	1.0 km (0.6 mi)	4.0 km (2.5 mi)	600 m (2000 ft)	6.0 km (3.7 mi)	11.0+ km (7.0+ mi)
2196	Tungsten hexafluoride	30 m (100 ft)	0.2 km (0.1 mi)	1.1 km (0.7 mi)	120 m (400 ft)	1.0 km (0.6 mi)	3.7 km (2.3 mi)
2197	Hydrogen iodide, anhydrous	30 m (100 ft)	0.1 km (0.1 mi)	0.4 km (0.2 mi)	120 m (400 ft)	1.3 km (0.8 mi)	3.7 km (2.3 mi)
2198	Phosphorus pentafluoride	30 m (100 ft)	0.3 km (0.2 mi)	1.6 km (1.0 mi)	180 m (600 ft)	1.6 km (1.0 mi)	4.6 km (2.9 mi)
2198	Phosphorus pentafluoride, compressed						
2199	Phosphine	60 m (200 ft)	0.7 km (0.4 mi)	3.1 km (1.9 mi)	450 m (1400 ft)	4.3 km (2.7 mi)	9.6 km (6.0 mi)
2202	Hydrogen selenide, anhydrous	120 m (400 ft)	1.2 km (0.8 mi)	5.1 km (3.2 mi)	1000 m (3000 ft)	8.7 km (5.4 mi)	11.0+ km (7.0+ mi)