

## 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)	
2204	Carbonyl sulfide	30 m	(100 ft)	0.1 km	(0.1 mi)	0.6 km	(0.4 mi)	300 m	(1000 ft)	3.0 km	(1.9 mi)	8.1 km	(5.0 mi)
2204	Carbonyl sulphide												
2232	Chloroacetaldehyde	30 m	(100 ft)	0.2 km	(0.1 mi)	0.3 km	(0.2 mi)	90 m	(300 ft)	0.8 km	(0.5 mi)	1.6 km	(1.0 mi)
2232	2-Chloroethanal												
2334	Allylamine	30 m	(100 ft)	0.1 km	(0.1 mi)	0.5 km	(0.3 mi)	120 m	(400 ft)	1.1 km	(0.7 mi)	2.5 km	(1.5 mi)
2337	Phenyl mercaptan	30 m	(100 ft)	0.1 km	(0.1 mi)	0.1 km	(0.1 mi)	60 m	(200 ft)	0.4 km	(0.2 mi)	0.6 km	(0.4 mi)
2382	1,2-Dimethylhydrazine	30 m	(100 ft)	0.1 km	(0.1 mi)	0.2 km	(0.1 mi)	60 m	(200 ft)	0.6 km	(0.4 mi)	1.2 km	(0.8 mi)
2382	Dimethylhydrazine, symmetrical												
2407	Isopropyl chloroformate	30 m	(100 ft)	0.1 km	(0.1 mi)	0.3 km	(0.2 mi)	90 m	(300 ft)	0.7 km	(0.5 mi)	1.5 km	(0.9 mi)
2417	Carbonyl fluoride	30 m	(100 ft)	0.2 km	(0.1 mi)	1.1 km	(0.7 mi)	90 m	(300 ft)	1.0 km	(0.6 mi)	3.6 km	(2.3 mi)
2417	Carbonyl fluoride, compressed												
2418	Sulfur tetrafluoride	60 m	(200 ft)	0.7 km	(0.4 mi)	3.2 km	(2.0 mi)	500 m	(1600 ft)	4.7 km	(2.9 mi)	10.6 km	(6.6 mi)
2418	Sulphur tetrafluoride												
2420	Hexafluoroacetone	30 m	(100 ft)	0.3 km	(0.2 mi)	1.3 km	(0.8 mi)	800 m	(2500 ft)	7.2 km	(4.5 mi)	11.0+ km	(7.0+ mi)
2421	Nitrogen trioxide	30 m	(100 ft)	0.1 km	(0.1 mi)	0.5 km	(0.3 mi)	60 m	(200 ft)	0.4 km	(0.3 mi)	1.9 km	(1.2 mi)
2437	Methylphenyldichlorosilane (when spilled in water)	30 m	(100 ft)	0.1 km	(0.1 mi)	0.1 km	(0.1 mi)	30 m	(100 ft)	0.3 km	(0.2 mi)	1.1 km	(0.7 mi)
2438	Trimethylacetyl chloride	30 m	(100 ft)	0.1 km	(0.1 mi)	0.2 km	(0.1 mi)	60 m	(200 ft)	0.5 km	(0.3 mi)	0.8 km	(0.5 mi)
2442	Trichloroacetyl chloride	30 m	(100 ft)	0.2 km	(0.2 mi)	0.8 km	(0.5 mi)	120 m	(400 ft)	1.2 km	(0.8 mi)	2.2 km	(1.4 mi)
2474	Thiophosgene	90 m	(300 ft)	0.8 km	(0.5 mi)	2.4 km	(1.5 mi)	360 m	(1200 ft)	3.6 km	(2.3 mi)	6.8 km	(4.2 mi)
2477	Methyl isothiocyanate	30 m	(100 ft)	0.1 km	(0.1 mi)	0.2 km	(0.1 mi)	60 m	(200 ft)	0.5 km	(0.3 mi)	1.0 km	(0.7 mi)
2480	Methyl isocyanate	60 m	(200 ft)	0.5 km	(0.3 mi)	1.9 km	(1.2 mi)	600 m	(1800 ft)	5.4 km	(3.3 mi)	11.0+ km	(7.0+ mi)

2481	Ethyl isocyanate	60 m (200 ft)	0.6 km (0.4 mi)	2.1 km (1.3 mi)	800 m (2500 ft)	6.2 km (3.9 mi)	11.0+ km (7.0+ mi)
2482	n-Propyl isocyanate	120 m (400 ft)	1.0 km (0.7 mi)	2.5 km (1.6 mi)	1000 m (3000 ft)	9.0 km (5.6 mi)	11.0+ km (7.0+ mi)
2483	Isopropyl isocyanate	120 m (400 ft)	1.1 km (0.7 mi)	2.8 km (1.8 mi)	1000 m (3000 ft)	11.0+ km (7.0+ mi)	11.0+ km (7.0+ mi)
2484	tert-Butyl isocyanate	90 m (300 ft)	1.0 km (0.6 mi)	2.4 km (1.5 mi)	1000 m (3000 ft)	8.4 km (5.2 mi)	11.0+ km (7.0+ mi)
2485	n-Butyl isocyanate	90 m (300 ft)	0.7 km (0.5 mi)	1.6 km (1.0 mi)	500 m (1600 ft)	4.7 km (2.9 mi)	8.0 km (5.0 mi)
2486	Isobutyl isocyanate	90 m (300 ft)	0.7 km (0.5 mi)	1.6 km (1.0 mi)	500 m (1600 ft)	4.7 km (3.0 mi)	7.8 km (4.8 mi)
2487	Phenyl isocyanate	30 m (100 ft)	0.4 km (0.2 mi)	0.5 km (0.3 mi)	180 m (600 ft)	1.6 km (1.0 mi)	2.9 km (1.8 mi)
2488	Cyclohexyl isocyanate	30 m (100 ft)	0.2 km (0.2 mi)	0.3 km (0.2 mi)	90 m (300 ft)	0.9 km (0.6 mi)	1.6 km (1.0 mi)
2495	Iodine pentafluoride (when spilled in water)	30 m (100 ft)	0.2 km (0.1 mi)	1.0 km (0.6 mi)	210 m (700 ft)	1.9 km (1.2 mi)	5.7 km (3.6 mi)
2521	Diketene, inhibited	30 m (100 ft)	0.1 km (0.1 mi)	0.1 km (0.1 mi)	30 m (100 ft)	0.3 km (0.2 mi)	0.5 km (0.3 mi)
2521	Diketene, stabilized						
2534	Methylchlorosilane	30 m (100 ft)	0.2 km (0.1 mi)	0.8 km (0.5 mi)	240 m (800 ft)	2.4 km (1.5 mi)	6.4 km (4.0 mi)
2548	Chlorine pentafluoride	30 m (100 ft)	0.3 km (0.2 mi)	1.7 km (1.1 mi)	240 m (800 ft)	2.4 km (1.5 mi)	7.4 km (4.6 mi)
2600	Carbon monoxide and Hydrogen mixture	30 m (100 ft)	0.1 km (0.1 mi)	0.1 km (0.1 mi)	90 m (300 ft)	0.7 km (0.4 mi)	2.4 km (1.5 mi)
2600	Carbon monoxide and Hydrogen mixture, compressed						
2600	Hydrogen and Carbon monoxide mixture						
2600	Hydrogen and Carbon monoxide mixture, compressed						
2605	Methoxymethyl isocyanate	60 m (200 ft)	0.4 km (0.2 mi)	0.6 km (0.4 mi)	180 m (600 ft)	1.6 km (1.0 mi)	2.6 km (1.6 mi)
2606	Methyl orthosilicate	30 m (100 ft)	0.1 km (0.1 mi)	0.1 km (0.1 mi)	60 m (200 ft)	0.4 km (0.3 mi)	0.7 km (0.4 mi)
2644	Methyl iodide	30 m (100 ft)	0.1 km (0.1 mi)	0.2 km (0.1 mi)	30 m (100 ft)	0.3 km (0.2 mi)	0.8 km (0.5 mi)
2646	Hexachlorocyclopentadiene	30 m (100 ft)	0.1 km (0.1 mi)	0.1 km (0.1 mi)	60 m (200 ft)	0.4 km (0.3 mi)	0.5 km (0.3 mi)
2668	Chloroacetonitrile	30 m (100 ft)	0.1 km (0.1 mi)	0.1 km (0.1 mi)	30 m (100 ft)	0.3 km (0.2 mi)	0.5 km (0.3 mi)