

**TABLE 3 - INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES FOR LARGE SPILLS FOR DIFFERENT QUANTITIES OF SIX COMMON TIH (PIH in the US) GASES**

	First ISOLATE in all Directions	Then PROTECT persons Downwind during							
		DAY				NIGHT			
		Low wind (< 6 mph = < 10 km/h)	Moderate wind (6-12 mph = 10 - 20 km/h)	High wind (> 12 mph = > 20 km/h)		Low wind (< 6 mph = < 10 km/h)	Moderate wind (6-12 mph = 10 - 20 km/h)	High wind (> 12 mph = > 20 km/h)	
	Meters (Feet)	km (Miles)	km (Miles)	km (Miles)		km (Miles)	km (Miles)	km (Miles)	
<b>UN1040 Ethylene oxide: Large Spills</b>									
<b>UN1040 Ethylene oxide with Nitrogen: Large Spills</b>									
TRANSPORT CONTAINER									
Rail tank car	200 (600)	1.6 (1.0)	0.8 (0.5)	0.7 (0.5)		3.3 (2.1)	1.4 (0.9)	0.8 (0.5)	
Highway tank truck or trailer	100 (300)	0.9 (0.6)	0.5 (0.3)	0.4 (0.3)		2.0 (1.3)	0.7 (0.4)	0.4 (0.3)	
Multiple small cylinders or single ton cylinder	30 (100)	0.4 (0.3)	0.2 (0.1)	0.1 (0.1)		0.9 (0.6)	0.3 (0.2)	0.2 (0.1)	
<b>UN1050 Hydrogen chloride, anhydrous: Large Spills</b>									
<b>UN2186 Hydrogen chloride, refrigerated liquid: Large Spills</b>									
TRANSPORT CONTAINER									
Rail tank car	500 (1500)	3.9 (2.5)	2.1 (1.2)	1.8 (1.2)		10.1 (6.3)	3.5 (2.2)	2.3 (1.5)	
Highway tank truck or trailer	200 (600)	1.5 (0.9)	0.8 (0.5)	0.6 (0.4)		3.9 (2.5)	1.5 (0.9)	0.8 (0.5)	
Multiple ton cylinders	30 (100)	0.4 (0.3)	0.2 (0.1)	0.1 (0.1)		1.1 (0.7)	0.3 (0.2)	0.2 (0.1)	
Multiple small cylinders or single ton cylinder	30 (100)	0.3 (0.2)	0.2 (0.1)	0.1 (0.1)		0.9 (0.6)	0.3 (0.2)	0.2 (0.1)	