



## APPENDIX 3 – HAZARDOUS SUBSTANCES

### Quantities Above Which Resource Consent Is Required, By Aggregate Within Hazard Class And Zone

Hazardous Substance Property and Class	HSNO Subclass	Industrial	Rural, Commercial	All Residential, Protected Areas
Explosive 1	1.1 (all levels)	50 kg	20 kg	0
	1.2 (all levels)	500 kg	200 kg	0
	1.3 (all levels)	1500 kg	500 kg	0
	1.2 or 1.3, if stored with 1.1	50 kg	20 kg	0
Flammable 2 (Gases, Aerosols)	2.1 (all levels)	1,000 kg or 2,000 m <sup>3</sup>	500 kg or 1,000 m <sup>3</sup>	20 kg or 40 m <sup>3</sup>
	2.1 (within 50 m of MSZ.)	200 kg	100 kg	N/A
	All other non-hazardous	5,000 kg or 10,000 m <sup>3</sup>	2,000 kg or 4,000 m <sup>3</sup>	100 kg
	LPG	3,000 kg	1500 kg	100 kg
	LPG (within 50 m of MSZ)	1,000 kg	500 kg	N/A
Flammable 3 (Liquids)	3.1A, 3.1B	6,000 kg	2,000 kg	100 kg
	3.1A, 3.1B (within 50 m of MSZ)	2,000 kg	600 kg	N/A
	3.1C	20,000 kg	6,000 kg	300 kg
	3.1D	60,000kg	20,000kg	1,000 kg
	3.2 (all)	3,000 kg	1,000 kg	50 kg
Flammable 4 (Solids)	4.1 (all)	3,000 kg	1,000 kg	50 kg
	4.2 (all)	1,000 kg	400 kg	20 kg
	4.3 (all)	1,000 kg	400 kg	20 kg
Oxidising Capacity 5	5.1.2 Gases	1,000 m <sup>3</sup>	400 m <sup>3</sup>	40 m <sup>3</sup>
	5.1.1 (all)	3,000 kg	1500 kg	50 kg
	5.2 (all)	1,000 kg	500 kg	20 kg
Toxic 6	6.1A	500 kg	200 kg	0
	6.1 Gases	300 m <sup>3</sup>	100 m <sup>3</sup>	0
	6.1A (within 50 m of MSZ)	200 kg	100 kg	N/A
	6.1B, 6.3-6.9	6,000 kg	2,000 kg	50 kg
	6.1B, 6.3-6.9 (within 50 m of MSZ)	2,000 kg	1,000 kg	N/A
	6.1C	20,000 kg	6,000 kg	300 kg
	6.1C (within 50 m of MSZ)	6,000 kg	2,000 kg	N/A
Corrosive 8	8.1, 8.2A, 8.3	6,000 kg	2,000 kg	50 kg
	8.2 B, C	20,000 kg	10,000 kg	300 kg
Eco-Toxic 9	9.1A, 9.2A, 9.3A, 9.4A	500 kg	500 kg	500 kg
	(within 30 m of water body)	100 kg	100 kg	100 kg
	9.1B, 9.2B, 9.3B, 9.4B	10,000 kg	10,000 kg	10,000 kg
	(within 30 m of water body)	3,000 kg	3,000 kg	3,000 kg
	9.1C, 9.2C, 9.3C, 9.4C	30,000 kg	30,000 kg	30,000 kg
	(within 30 m of water body)	10,000 kg	10,000 kg	10,000 kg
High Bod <sub>5</sub> (>10,000 Mg/L)		100,000 kg	40,000 kg	20,000 kg
	(within 30 m of water body)	40,000 kg	20,000 kg	20,000 kg



## Explanation

'msz' means 'more sensitive zone'. This includes any land use **zones** in the Ruapehu District Plan which provide for land uses generally considered more sensitive than the one the proposed hazardous facility is located in. It does not include a land use that may be more sensitive than the land uses generally provided for in the **zone** that activity is located in, for example a takeaway bar in an industrial zone. The grouping of zones is based on the table above, i.e., industrial zones are least sensitive, rural and commercial zones have a medium sensitivity and all residential and protected area zones are the most sensitive.

N/A: means not applicable.

The precise definition of the HSNO subclasses can be found in the HSNO Classifications Regulations 2001.

The quantity thresholds defining the consent status in the table above are to be applied to the **aggregate** of all substances proposed to be used or stored in one facility within one hazard grouping. The measure is in tonnes (t) apart from Class 2.1, 5.1 and 6.1 permanent or compressed gases which are in m<sup>3</sup> at STP.

Class 1.2 and 1.3 substances are to be treated as class 1.1 substances if they are stored with any 1.1 substances.