



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 ³ | 500 kg or 1,000 m ³ | 20 kg or 40 m ³ |
| | 2.1 (within 50 m of M.S.Z.) | 200 kg | 100 kg | N/A |
| | All other non-hazardous | 5,000 kg or 10,000 m ³ | 2,000 kg or 4,000 m ³ | 100 kg |
| | LPG | 3,000 kg | 1500 kg | 100 kg |
| | LPG (within 50 m of M.S.Z) | 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 M.S.Z.) | 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 ³ | 400 m ³ | 40 m ³ |
| | 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 ³ | 100 m ³ | 0 |
| | 6.1A (within 50 m of M.S.Z.) | 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 M.S.Z) | 2,000 kg | 1,000 kg | N/A |
| | 6.1C | 20,000 kg | 6,000 kg | 300 kg |
| 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 ₅ (>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

Water Body: means any natural watercourse, including streams, rivers and aquifers. It does not include stormwater pipes or channels.

'm.s.z.' 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.

~~M.S.Z: 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.~~

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 m³ 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.

~~[Note: The use of explosives is not provided for and needs to be controlled separately if desired.]~~