

# Correlation between HSNO Classifications & GHS Classifications (2021 NZ Implementation)

Physical Hazards	
Flammable Gases	
2.1.1A	flammable gas Category 1A flammable gas Category 1A pyrophoric gas flammable gas Category 1A chemically unstable gas A flammable gas Category 1A chemically unstable gas B flammable gas Category 1B
2.1.1B	flammable gas Category 2
Aerosols	
2.1.2A	aerosol Category 1 aerosol Category 2
	aerosol Category 3
Gases under pressure	
	compressed gas liquefied gas refrigerated liquefied gas dissolved gas
Flammable Liquids	
3.1A	flammable liquids Category 1
3.1B	flammable liquids Category 2
3.1C	flammable liquids Category 3
3.1D	flammable liquids Category 4
Desensitised explosives	
3.2A / 4.1.3A	desensitised explosive Category 1
3.2B / 4.1.3B	desensitised explosive Category 2
3.2C / 4.1.3C	desensitised explosive Category 3 desensitised explosive Category 4
Flammable solids	
4.1.1A	flammable solids Category 1
4.1.1B	flammable solids Category 2
Self-reactive substances and mixtures	
4.1.2A	self-reactive substances and mixtures Type A
4.1.2B	self-reactive substances and mixtures Type B
4.1.2C	self-reactive substances and mixtures Type C
4.1.2D	self-reactive substances and mixtures Type D
4.1.2E	self-reactive substances and mixtures Type E
4.1.2F	self-reactive substances and mixtures Type F
4.1.2G	self-reactive substances and mixtures Type G

Pyrophoric liquids, pyrophoric solids, self-heating substances and mixtures	
4.2A	pyrophoric liquids Category 1, or pyrophoric solids Category 1
4.2B	self-heating substances and mixtures Category 1
4.2C	self-heating substances and mixtures Category 2
Substances and mixtures which, in contact with water, emit flammable gases	
4.3A	substances and mixtures which, in contact with water, emit flammable gases Category 1
4.3B	substances and mixtures which, in contact with water, emit flammable gases Category 2
4.3C	substances and mixtures which, in contact with water, emit flammable gases Category 3
Oxidising substances that are liquids or solids	
5.1.1A	oxidising liquids Category 1, or oxidising solids Category 1
5.1.1B	oxidising liquids Category 2, or oxidising solids Category 2
5.1.1C	oxidising liquids Category 3, or oxidising solids Category 3
Oxidising gases	
5.1.2A	oxidising gases Category 1
Organic peroxides	
5.2A	organic peroxide Type A
5.2B	organic peroxide Type B
5.2C	organic peroxide Type C
5.2D	organic peroxide Type D
5.2E	organic peroxide Type E
5.2F	organic peroxide Type F
5.2G	organic peroxide Type G
Corrosive to metals	
8.1A	corrosive to metals Category 1

Health Hazards	
Acute Toxicity	
6.1A	acute oral toxicity Category 1 oral, dermal, inhalation acute dermal toxicity Category 1 acute inhalation toxicity Category 1
6.1B	acute oral toxicity Category 2 oral, dermal, inhalation acute dermal toxicity Category 2 acute inhalation toxicity Category 2
6.1C	acute oral toxicity Category 3 oral, dermal, inhalation acute dermal toxicity Category 3 acute inhalation toxicity Category 3
6.1D	acute oral toxicity Category 4 oral, dermal, inhalation acute dermal toxicity Category 4 acute inhalation toxicity Category 4
6.1E	Note: acute toxicity Category 5 has not been adopted oral, dermal, inhalation
Aspiration hazard	
6.1E	aspiration hazard Category 1 aspiration hazard Note: aspiration hazard Category 2 has not been adopted
Respiratory tract irritation	
6.1E	specific target organ toxicity – single exposure Category 3 respiratory tract irritant
Skin corrosion/irritation	
8.2A	skin corrosion Category 1A
8.2B	skin corrosion Category 1B
8.2C	skin corrosion Category 1C
6.3A	skin irritation Category 2
6.3B	Note: skin irritation Category 3 has not been adopted
Serious eye damage/eye irritation	
8.3A	serious eye damage Category 1
6.4A	eye irritation Category 2 Note: The subcategories 2A and 2B have not been adopted
Respiratory or skin sensitisation	
6.5A	respiratory sensitisation Category 1
6.5B	skin sensitisation Category 1
Germ cell mutagenicity	
6.6A	germ cell mutagenicity Category 1
6.6B	germ cell mutagenicity Category 2
Carcinogenicity	
6.7A	carcinogenicity Category 1
6.7B	carcinogenicity Category 2

Reproductive toxicity	
6.8A	reproductive toxicity Category 1
6.8B	reproductive toxicity Category 2
6.8C	effects on or via lactation
additional category for effects on or via lactation	
Specific target organ toxicity	
6.9A	specific target organ toxicity – single exposure Category 1 oral, dermal, inhalation specific target organ toxicity – repeated exposure Category 1
6.9B oral, dermal, inhalation	specific target organ toxicity – single exposure Category 2 specific target organ toxicity – repeated exposure Category 2
6.9B narcotic effects	specific target organ toxicity – single exposure Category 3 narcotic effects
Environmental Hazards	
Hazardous to the aquatic environment	
9.1A	hazardous to the aquatic environment acute Category 1 hazardous to the aquatic environment chronic Category 1
9.1B	hazardous to the aquatic environment chronic Category 2 Note: hazardous to the aquatic environment acute Category 2 and has not been adopted
9.1C	hazardous to the aquatic environment chronic Category 3 Note: hazardous to the aquatic environment acute Category 3 has not been adopted
9.1D	hazardous to the aquatic environment chronic Category 4
Hazardous to the terrestrial environment	
These apply only to agrichemicals	
9.2A, 9.2B, 9.2C, 9.2D	hazardous to soil organisms
9.3A, 9.3B, 9.3C	hazardous to terrestrial vertebrates
9.4A, 9.4B, 9.4C	hazardous to terrestrial invertebrates
9.1D designed for biocidal action	designed for biocidal action