

Major hazard facility notification

Under Regulations 12 or 13 of the Health and Safety at Work (Major Hazard Facilities) Regulations 2016 (the Regulations)

The information in this notification will be used to determine if the facility is an upper tier or lower tier major hazard facility, in accordance with the Health and Safety at Work (Major Hazard Facilities) Regulations 2016.

Refer to guidance and regulations when completing this form, available on the WorkSafe website.

If you are unable to submit this form electronically you can complete it manually. However, you must, before printing the form, add lines to the specified hazardous substances tables and land use information.

Email: hhu.mhf@worksafe.govt.nz

Post: Major Hazard Facilities, High Hazards Unit, WorkSafe New Zealand, PO Box 105146, Auckland 1143, NZ

Facility type

- Existing facility (regulation 12)
- Proposed facility (regulation 13)

Notification type

- New notification (regulation 12/13)
- Re-notification (regulation 24 - increased quantities)
- Re-notification (decreased quantities)
- Proposed change of operator (regulation 17)
- Change in type (regulation 74 (1))
- New specified hazardous substance (regulation 74 (2))

1. Operator details

Operator means the PCBU who manages or controls a facility or a proposed facility, and has the power to direct that the whole facility be shut down. See regulation 10.

If more than one PCBU is an operator of all or part of the facility, one of the PCBUs must be nominated, by all or a simple majority of those operators, as the operator of the facility; and the person nominated is the operator of the facility for the purposes of the regulations.

Operator type: Body corporate Individual

Full legal name: (limited liability, individual person, or other)

Trading name: (if different to legal name)

New Zealand Business Number (NZBN): (if applicable)

Operator phone number:

Operator email:

Physical address of operator:

Postal address of operator:

Same as above

Nominated contact

Give details here of the person with whom WorkSafe may communicate in relation to the information that is, or must be, contained in the notification.

Name:

Position:

Phone number:

Mobile phone:

Email:

Preferred contact method:

Email Post

Postal address of nominated contact:

Same as nominated operator

Secondary contact (optional)

Name:

Position:

Phone number:

Mobile phone:

Email

Preferred contact method:

Email Post



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Postal address of secondary contact: Same as nominated operator

Additional operators (optional)

Is there more than one operator in this facility? Yes No

Describe the scope of control of each of the operators at this facility:

Enforcement action against operator or officers of the operator

Provide details of any enforcement action against the operator or an officer of the operator, under any legislation related to the management of health and safety or hazardous substances, taken either in New Zealand or in an overseas jurisdiction. This should include prosecutions, infringement notices, or fines: (if none, state 'None')

2. Facility details

Give details of the facility to which this notification relates. This is the location where specified hazardous substances are present or likely to be present exceeding threshold quantities.

Physical address of facility: Same as nominated operator physical address

Facility location

Describe the address in sufficient detail to identify the boundaries of the facility on a street map, if address insufficiently describes location:

Business activity

Describe the primary business activity or activities at the facility:

Tick if a scaled map of the facility is attached showing; the boundary, layout, location of main processing units/storage areas.

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Land use and other activities in the area surrounding the facility

Please provide information about the land use and other activities in the area surrounding the facility or proposed facility. This may be shown on a map, if a map is not included, please complete this form with the information below.

Zoning and any areas within a minimum radius of 1km radius from any point on the perimeter of the facility that might be affected by a major incident occurring at this facility, should be described.

The requirement for an operator to provide information about the surrounding land use is to the extent that the operator has, or can reasonably be expected to have, the required information.

Tick if a scaled map showing the land use and other activities in the surrounding area is attached.

Please describe land use, including but not limited to the following:

- | | | |
|---------------------------------------|-------------------------------------|---|
| <input type="checkbox"/> Residential | <input type="checkbox"/> Commercial | <input type="checkbox"/> Mixed use |
| <input type="checkbox"/> Open space | <input type="checkbox"/> Retail | <input type="checkbox"/> Transport
(road, airport etc) |
| <input type="checkbox"/> Agricultural | <input type="checkbox"/> Industrial | |
| <input type="checkbox"/> Other: | | |

Describe the land use

Provide a description of the land use in the area surrounding the facility. For residential and mixed use, population densities should also be added, for example, from low-density housing such as single family homes to high-density such as high-rise apartment buildings:

Physical address:

Location (optional). Describe the address in sufficient detail to be able to identify the land use:

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Categories of hazardous substances — Schedule 2, Table 1

Provide sufficient information to identify the specified hazardous substances present or likely to be present at the facility; and the quantity and physical form (for example, solid, liquid, or gas) of the specified hazardous substances. Do not include named substances that have been declared separately.

If there is a specified hazardous substance which has more than one type of hazard, it must be included in each section. That is, in both the health and physical sections of the following table. For example, methyl bromide is both a 2.1.1B flammable gas and a 6.1B toxic. It is not a named substance so must be entered into table as both an H2 acute toxic and a P2 flammable gas.

For an explanation of the notes, see the Regulations.

HAZARD CATEGORY	HSNO CLASSIFICATION ¹	GHS CLASSIFICATION ²	MAXIMUM CAPACITY AT FACILITY (TONNES)	STATE	NAME OF SUBSTANCE
H1	6.1A – Substances that are acutely toxic, all exposure routes	Acute toxicity Category 1, all exposure routes			
H2	6.1B – Substances that are acutely toxic, all exposure routes 6.1C – Substances that are acutely toxic, inhalation exposure route ³	Acute toxicity Category 2, all exposure routes Acute toxicity Category 3, inhalation exposure route ³			
H3	6.9A – Substances that are toxic to human target organs or systems, but only those that produce specific, non-lethal target organ toxicity arising from a single exposure	Specific target organ toxicity – single exposure Category 1 (STOT-SE)			
P1a ^{4,5,6}	Unstable explosives; or 1.1 – Substances and articles that have a mass explosion hazard 1.2 – Substances and articles that have a projection hazard but not a mass explosion hazard 1.3 – Substances and articles that have a fire hazard and either a minor blast hazard or a minor projection hazard, or both, but not a mass explosion hazard 1.5 – Very insensitive substances that have a mass explosion hazard 1.6 – Extremely insensitive articles that do not have a mass explosion hazard or substances or mixtures having explosive properties according to Chapter 2.4.2.4.2 of the United Nations Recommendations on the Transport of Dangerous Goods Model Regulations, seventeenth revised edition, and that do not belong to the hazard classes organic peroxides or self-reactive substances and mixtures	Unstable explosives; or Explosives, Division 1.1, 1.2, 1.3, 1.5, or 1.6; or Substances or mixtures having explosive properties according to Chapter 2.4.2.4.2 of the United Nations Recommendations on the Transport of Dangerous Goods Model Regulations, seventeenth revised edition, and that do not belong to the hazard classes organic peroxides or self-reactive substances and mixtures			
P1b ⁷	1.4 – Substances and articles that present no significant explosive hazard	Explosives, Division 1.4			
P2	2.1.1A – Flammable gases: high hazard or 2.1.1B – Flammable gases: medium hazard	Flammable gases, Category 1 or 2			
P3a ⁸	Articles classified as 2.1.2A – Flammable aerosols containing flammable gas 2.1.1A or 2.1.1B or flammable liquids 3.1A	‘Flammable’ aerosols, Category 1 or 2, containing flammable gases Category 1 or 2 or flammable liquids Category 1			

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HAZARD CATEGORY	HSNO CLASSIFICATION ¹	GHS CLASSIFICATION ²	MAXIMUM CAPACITY AT FACILITY (TONNES)	STATE	NAME OF SUBSTANCE
P3b ⁹	Articles classified as 2.1.2A – Flammable aerosols not containing flammable gas 2.1.1A or 2.1.1B or flammable liquids 3.1A	‘Flammable’ aerosols, Category 1 or 2, not containing flammable gases Category 1 or 2 flammable liquids Category 1			
P4	5.1.2A – Oxidising substances that are gases	Oxidising gases, Category 1			
P5a	3.1A – Flammable liquids: very high hazard 3.1B – Flammable liquid: high hazard or 3.1C – Flammable liquids: medium hazard maintained at a temperature above their boiling point	Flammable liquids, Category 1; or Flammable liquids, Category 2 or 3 maintained at a temperature above their boiling point			
P5b	Flammable liquids, 3.1B – Flammable liquid: high hazard or 3.1C – Flammable liquids: medium hazard, where particular processing conditions, such as high pressure or high temperature, may create major-incident hazards	Flammable liquids, Category 2 or 3, where particular processing conditions, such as high pressure or high temperature, may create major-incident hazards			
P5c	3.1B – Flammable liquid: high hazard or 3.1C – Flammable liquids: medium hazard not covered by P5a and P5b	Flammable liquids, Category 2 or 3, not covered by P5a and P5b			
P6a	4.1.2A – Self-reactive substances: type A or 4.1.2B – Self-reactive substances: type B; or 5.2A – Organic peroxides: type A; or 5.2B – Organic peroxides: type B	Self-reactive substances and mixtures, type A or B or organic peroxides, type A or B			
P6b	4.1.2C – Self-reactive substances: type C, 4.1.2D – Self-reactive substances: type D, 4.1.2E – Self-reactive substances: type E, or 4.1.2F – Self-reactive substances: type F; or 5.2C – Organic peroxides: type C, 5.2D – Organic peroxides: type D, 5.2E – Organic peroxides: type E, or 5.2F – Organic peroxides: type F	Self-reactive substances and mixtures, type C, D, E or F; or organic peroxides, type C, D, E, or F			
P7	4.2A – Spontaneously combustible substances: pyrophoric substances: high hazard	Pyrophoric liquids, Category 1 Pyrophoric solids, Category 1			
P8	5.1.1A – Oxidising substances that are liquids or solids: high hazard, 5.1.1B – Oxidising substances that are liquids or solids: medium hazard, or 5.1.1C – Oxidising substances that are liquids or solids: low hazard	Oxidising liquids, Category 1, 2, or 3, Oxidising solids, Category 1, 2, or 3			

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HAZARD CATEGORY	HSNO CLASSIFICATION ¹	GHS CLASSIFICATION ²	MAXIMUM CAPACITY AT FACILITY (TONNES)	STATE	NAME OF SUBSTANCE
○ O1	4.3A – Solids that emit flammable gas when in contact with water: high hazard, that also meet the criteria for the hazard statement EUH014	Substances or mixtures that react violently with water with hazard statement EUH014			
○ O2	4.3A – Solids that emit flammable gas when in contact with water: high hazard, criteria (b)	Substances and mixtures that, when in contact with water, emit flammable gases Category 1			
○ O3	4.3A – Solids that emit flammable gas when in contact with water: high hazard, that also meet the criteria for the hazard statement EUH029	Substances or mixtures that liberate toxic gas when in contact with water with hazard statement EUH029			

Notes

- ¹ HSNO classification means a classification under the classification system described in the Hazardous Substances (Classification) Notice 2017.
- ² GHS classification means the United Nations *Globally Harmonized System of Classification and Labelling of Chemicals*, fifth revised edition. In this schedule, a reference to a GHS classification is for information only.
- ³ Hazardous substances that fall within HSNO classification acutely toxic 6.1C via the oral route (H301) must fall under hazard category H2 acutely toxic in those cases where neither acute inhalation toxicity classification nor acute dermal toxicity classification can be derived, for example, due to lack of conclusive inhalation and dermal toxicity data.
- ⁴ The hazard category explosives includes explosive substances and articles.
- ⁵ If the quantity of the explosive substance contained in the article is known, that quantity must be considered for the purposes of these regulations. If the quantity of the explosive substance contained in the article is not known, then, for the purposes of these regulations, the whole article must be treated as explosive.
- ⁶ The threshold quantity of fireworks, within the meaning of regulation 3 of the Hazardous Substances (Fireworks) Regulations 2001, is calculated using the net weight of pyrotechnic substances, within the meaning of regulation 3 of the Hazardous Substances (Fireworks) Regulations 2001, but excluding the weight of any construction, packaging, or other inert material used in the fireworks.
- ⁷ If explosives of Division 1.4 are unpacked or repacked, they must be assigned to the hazard category P1a, unless the hazard is shown to still correspond to Division 1.4, in accordance with the Hazardous Substances (Classification) Notice 2017.
- ⁸ Flammable aerosols are classified in accordance with HSNO classification 2.1.2A and are assigned to this category if they contain flammable gas 2.1.1A or 2.1.1B or flammable liquids 3.1A.
- ⁹ In order to use this hazard category, it must be documented that the aerosol dispenser does not contain flammable gas 2.1.1A or 2.1.1B or flammable liquids 3.1A.

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3. Hazardous substance tables

Named hazardous substances – Schedule 2, Table 2

Provide sufficient information to identify the named specified hazardous substances present or likely to be present at the facility; and the quantity and physical form (for example, solid, liquid, or gas) of the specified hazardous substances.

See page 8 for notes on this table. For an explanation of the notes, see the Regulations.

CAS NUMBER	SUBSTANCE NAME	MAXIMUM CAPACITY AT FACILITY (TONNES)	STATE

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* **Carcinogens**

The following carcinogens or the mixtures containing the following carcinogens at concentrations above 5% by weight: 4-Aminobiphenyl and/or its salts, Benzotrichloride, Benzidine and/or salts, Bis (chloromethyl) ether, Chloromethyl methyl ether, 1,2-Dibromoethane, Diethyl sulphate, Dimethyl sulphate, Dimethylcarbamoyl chloride, 1,2-Dibromo-3-chloropropane, 1,2-Dimethylhydrazine, Dimethylnitrosamine, Hexamethylphosphoric triamide, Hydrazine, 2-Naphthylamine and/or salts, 4-Nitrodiphenyl, and 1,3 Propanesultone.

* **Petroleum products and alternative fuels**

(a) gasolines and naphthas:

(b) kerosenes (including jet fuels):

(c) alternative fuels serving the same purposes as, and with similar properties as regards flammability to, the products referred to in paragraph (a) or (b).

* **Nickel compounds in inhalable powder form**

Nickel monoxide, nickel dioxide, nickel sulphide, trinickel disulphide, dinickel trioxide

* **Polychlorodibenzofurans and polychlorodibenzodioxins**

Calculated in TCDD equivalent (see note 9)

Notes (refer to regulations for more detail of all notes)

¹ The Chemical Abstracts Service Registry number (CAS number) is for information only.

² Ammonium nitrate (5,000/10,000): fertilisers capable of self-sustaining decomposition.

³ Ammonium nitrate (1,250/5,000): fertiliser grade.

⁴ Ammonium nitrate (350/2,500): technical grade.

⁵ Ammonium nitrate (10/50): 'off-specs' material and fertilisers not fulfilling the detonation test.

⁶ Potassium nitrate (5,000/10,000).

⁷ Potassium nitrate (1,250/5,000).

⁸ Upgraded biogas.

⁹ Polychlorodibenzofurans and polychlorodibenzodioxins.

¹⁰ In cases where this hazardous substance falls within category P5a Flammable liquids or P5b Flammable liquids, then for the purposes of these regulations, the lowest qualifying quantities apply.

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Capacity calculations (these could be included as an attachment)

Provide details of the assumptions used to calculate the maximum capacity of specified hazardous substances present or likely to be present at the facility:

Special circumstances: Provide details of any special circumstances that may vary the quantity of specified hazardous substances

Please provide any other information relevant to this notification:

4. Declaration

Declaration signed by an officer or a delegate of the operator, on behalf of the operator.

I declare that to the best of my knowledge, the information provided in this notification is true and correct.

Name:

Email:

Position:

Date: DD / MM / YEAR

Signature:

Note: the above declaration is considered to be an electronic signature that is reliable as appropriate for the purpose of this notification

I have attached information (for example, maps, assumptions etc)

WorkSafe may request further information regarding this notification.